

TOBACCO INSTITUTE TESTING LABORATORY

PER CIGARETTE

AND

PER PUFF DATA

MARKET SAMPLE NO. 16

PM3000764338

PER CIGARETTE DATA

PM3000764339

| <u>BRAND</u>                                 |                      | <u>Puff Count</u>     | <u>TPM mg/cigt.</u>     | <u>Water in TPM<br/>mg/cigt.</u> | <u>Butt Length-mm.</u> |
|--|----------------------|-----------------------|-------------------------|----------------------------------|------------------------|
| Alpine<br>king size,<br>filter menthol       | $\bar{x}$<br>s<br>CV | 7.9±0.1<br>0.2<br>3.1 | 16.3±0.4<br>0.9<br>5.3  | 2.1±0.1<br>0.3<br>14.3           | 29                     |
| Alpine<br>100 mm.<br>filter menthol          | $\bar{x}$<br>s<br>CV | 8.1±0.1<br>0.3<br>3.9 | 19.5±0.4<br>0.9<br>4.7  | 3.2±0.2<br>0.4<br>11.9           | 34                     |
| Belair<br>king size,<br>filter menthol       | $\bar{x}$<br>s<br>CV | 7.5±0.1<br>0.2<br>2.2 | 18.4±0.2<br>0.5<br>2.9  | 2.9±0.1<br>0.2<br>8.4            | 28-29-30               |
| Belair<br>100 mm.<br>filter menthol          | $\bar{x}$<br>s<br>CV | 8.8±0.1<br>0.3<br>3.8 | 20.2±0.4<br>1.0<br>4.7  | 2.5±0.1<br>0.3<br>12.3           | 35-36                  |
| Benson & Hedges<br>regular size,<br>filter   | $\bar{x}$<br>s<br>CV | 6.2±0.1<br>0.2<br>3.1 | 12.0±0.6<br>1.3<br>11.3 | 2.3±0.2<br>0.4<br>17.9           | 26-27-28               |
| Benson & Hedges<br>king size,<br>filter      | $\bar{x}$<br>s<br>CV | 8.0±0.1<br>0.2<br>3.0 | 19.6±0.4<br>0.8<br>4.3  | 2.7±0.1<br>0.3<br>10.8           | 32-33-34               |
| Benson & Hedges<br>100 mm.<br>filter         | $\bar{x}$<br>s<br>CV | 8.7±0.1<br>0.3<br>2.9 | 20.5±0.3<br>0.7<br>3.5  | 2.5±0.1<br>0.3<br>10.4           | 35-36                  |
| Benson & Hedges<br>100 mm.<br>filter menthol | $\bar{x}$<br>s<br>CV | 8.8±0.1<br>0.3<br>2.9 | 20.6±0.4<br>0.9<br>4.5  | 2.6±0.1<br>0.3<br>11.0           | 35-36                  |

PM3000764340

| <u>BRAND</u>    |           | <u>Nicotine mg/cigt.</u> | <u>F.T.C. "Tar"<br/>mg/cigt.</u> |
|-----------------|-----------|--------------------------|----------------------------------|
| Alpine          | $\bar{x}$ | 0.85±0.02                | 13.4±0.3                         |
| king size,      | s         | 0.04                     | 0.6                              |
| filter menthol  | CV        | 4.5                      | 4.8                              |
| Alpine          | $\bar{x}$ | 0.93±0.02                | 15.4±0.4                         |
| 100 mm.         | s         | 0.04                     | 0.8                              |
| filter menthol  | CV        | 4.0                      | 5.3                              |
| Belair          | $\bar{x}$ | 1.08±0.01                | 14.5±0.2                         |
| king size,      | s         | 0.03                     | 0.4                              |
| filter menthol  | CV        | 2.9                      | 2.6                              |
| Belair          | $\bar{x}$ | 1.22±0.02                | 16.5±0.3                         |
| 100 mm.         | s         | 0.05                     | 0.7                              |
| filter menthol  | CV        | 4.4                      | 4.4                              |
| Benson & Hedges | $\bar{x}$ | 0.58±0.03                | 9.0±0.4                          |
| regular size,   | s         | 0.06                     | 1.0                              |
| filter          | CV        | 10.0                     | 10.6                             |
| Benson & Hedges | $\bar{x}$ | 1.18±0.02                | 15.8±0.3                         |
| king size,      | s         | 0.05                     | 0.6                              |
| filter          | CV        | 4.2                      | 3.6                              |
| Benson & Hedges | $\bar{x}$ | 1.13±0.02                | 16.9±0.3                         |
| 100 mm.         | s         | 0.05                     | 0.6                              |
| filter          | CV        | 4.2                      | 3.5                              |
| Benson & Hedges | $\bar{x}$ | 1.14±0.02                | 16.9±0.3                         |
| 100 mm.         | s         | 0.04                     | 0.7                              |
| filter menthol  | CV        | 3.4                      | 4.0                              |

| <u>BRAND</u>                                |                      | <u>Puff Count</u>      | <u>TPM mg/cigt.</u>    | <u>Water in TPM<br/>mg/cigt.</u> | <u>Butt Length-mm.</u> |
|---|----------------------|------------------------|------------------------|----------------------------------|------------------------|
| Bull Durham<br>king size,<br>filter         | $\bar{x}$<br>s<br>CV | 10.5±0.1<br>0.2<br>2.0 | 37.0±0.6<br>1.4<br>3.9 | 6.7±0.2<br>0.5<br>7.4            | 27-28                  |
| Camel<br>regular size,<br>non-filter        | $\bar{x}$<br>s<br>CV | 7.9±0.1<br>0.3<br>3.5  | 31.1±0.3<br>0.8<br>2.5 | 4.5±0.1<br>0.3<br>6.9            | 23                     |
| Camel<br>king size,<br>filter               | $\bar{x}$<br>s<br>CV | 9.0±0.1<br>0.3<br>3.4  | 24.8±0.5<br>1.2<br>4.8 | 4.5±0.2<br>0.5<br>11.8           | 27-28-29               |
| Carlton 70's<br>regular size,<br>filter     | $\bar{x}$<br>s<br>CV | 6.6±0.1<br>0.3<br>4.1  | 2.9±0.2<br>0.4<br>12.9 | 0.3±0.1<br>0.2<br>60.6           | 33                     |
| Carlton<br>king size,<br>filter             | $\bar{x}$<br>s<br>CV | 8.9±0.1<br>0.3<br>3.3  | 5.3±0.2<br>0.5<br>10.4 | 0.5±0.1<br>0.2<br>44.2           | 33-34                  |
| Carlton<br>king size,<br>filter menthol     | $\bar{x}$<br>s<br>CV | 8.6±0.2<br>0.4<br>5.2  | 4.6±0.2<br>0.4<br>9.8  | 0.4±0.1<br>0.1<br>30.2           | 33-34.                 |
| Chesterfield<br>regular size,<br>non-filter | $\bar{x}$<br>s<br>CV | 7.6±0.1<br>0.2<br>2.7  | 31.5±0.6<br>1.3<br>4.2 | 4.8±0.2<br>0.4<br>8.3            | 23                     |
| Chesterfield<br>king size,<br>non-filter    | $\bar{x}$<br>s<br>CV | 9.6±0.1<br>0.3<br>3.1  | 35.1±0.8<br>1.9<br>5.3 | 4.9±0.3<br>0.6<br>12.1           | 23                     |

PM3000764342

| <u>BRAND</u>   |           | <u>Nicotine mg/cigt.</u> | <u>F.T.C. "Tar"<br/>mg/cigt.</u> |
|----------------|-----------|--------------------------|----------------------------------|
| Bull Durham    | $\bar{x}$ | 1.84±0.04                | 28.5±0.5                         |
| king size,     | s         | 0.09                     | 1.0                              |
| filter         | CV        | 5.0                      | 3.6                              |
| Camel          | $\bar{x}$ | 1.75±0.03                | 24.8±0.2                         |
| regular size,  | s         | 0.06                     | 0.6                              |
| non-filter     | CV        | 3.5                      | 2.2                              |
| Camel          | $\bar{x}$ | 1.34±0.03                | 19.0±0.3                         |
| king size,     | s         | 0.06                     | 0.7                              |
| filter         | CV        | 4.6                      | 3.9                              |
| Carlton 70's   | $\bar{x}$ | 0.21±0.01                | 2.3±0.2                          |
| regular size,  | s         | 0.02                     | 0.3                              |
| filter         | CV        | 9.7                      | 13.7                             |
| Carlton        | $\bar{x}$ | 0.36±0.02                | 4.4±0.3                          |
| king size,     | s         | 0.03                     | 0.6                              |
| filter         | CV        | 9.4                      | 13.5                             |
| Carlton        | $\bar{x}$ | 0.33±0.01                | 3.9±0.2                          |
| king size,     | s         | 0.03                     | 0.4                              |
| filter menthol | CV        | 9.0                      | 9.8                              |
| Chesterfield   | $\bar{x}$ | 1.52±0.03                | 25.1±0.4                         |
| regular size,  | s         | 0.07                     | 1.0                              |
| non-filter     | CV        | 4.5                      | 3.9                              |
| Chesterfield   | $\bar{x}$ | 1.75±0.04                | 28.5±0.6                         |
| king size,     | s         | 0.09                     | 1.4                              |
| non-filter     | CV        | 5.0                      | 4.7                              |

| <u>BRAND</u>                                 |           | <u>Puff Count</u> | <u>TPM mg/cigt.</u> | <u>Water in TPM<br/>mg/cigt.</u> | <u>Butt Length-mm.</u> |
|--|-----------|-------------------|---------------------|----------------------------------|------------------------|
| Chesterfield<br>king size,<br>filter         | $\bar{x}$ | 8.2±0.1           | 23.7±0.4            | 4.5±0.2                          | 26-27-28               |
|  | s         | 0.2               | 1.0                 | 0.4                              |                        |
|  | CV        | 2.9               | 4.2                 | 9.0                              |                        |
| Chesterfield<br>king size,<br>filter menthol | $\bar{x}$ | 8.3±0.1           | 23.5±0.5            | 4.5±0.2                          | 26-27-28               |
|  | s         | 0.2               | 1.0                 | 0.5                              |                        |
|  | CV        | 2.6               | 4.4                 | 10.9                             |                        |
| Chesterfield<br>100 mm.<br>filter            | $\bar{x}$ | 9.5±0.1           | 24.0±0.5            | 3.3±0.2                          | 33-34                  |
|  | s         | 0.2               | 1.0                 | 0.4                              |                        |
|  | CV        | 2.6               | 4.3                 | 11.0                             |                        |
| Domino<br>king size,<br>non-filter           | $\bar{x}$ | 10.1±0.3          | 34.6±0.9            | 5.1±0.2                          | 23                     |
|  | s         | 0.6               | 2.0                 | 0.4                              |                        |
|  | CV        | 6.2               | 5.8                 | 8.6                              |                        |
| Domino<br>king size,<br>filter               | $\bar{x}$ | 9.6±0.2           | 29.7±0.9            | 5.9±0.3                          | 24-26-27-28            |
|  | s         | 0.4               | 2.0                 | 0.8                              |                        |
|  | CV        | 4.7               | 6.6                 | 13.2                             |                        |
| Doral<br>king size,<br>filter                | $\bar{x}$ | 8.9±0.2           | 17.6±0.4            | 2.4±0.1                          | 32-33-34               |
|  | s         | 0.3               | 1.0                 | 0.3                              |                        |
|  | CV        | 4.7               | 5.5                 | 12.3                             |                        |
| Doral<br>king size,<br>filter menthol        | $\bar{x}$ | 8.8±0.1           | 16.2±0.5            | 2.2±0.1                          | 33-34                  |
|  | s         | 0.3               | 0.7                 | 0.3                              |                        |
|  | CV        | 3.8               | 3.6                 | 14.0                             |                        |
| Du Maurier<br>king size,<br>filter           | $\bar{x}$ | 8.3±0.1           | 19.2±0.3            | 2.9±0.1                          | 28-29-30               |
|  | s         | 0.3               | 0.7                 | 0.3                              |                        |
|  | CV        | 4.0               | 3.6                 | 10.5                             |                        |

PM3000764344

| <u>BRAND</u>   |           | <u>Nicotine mg/cigt.</u> | <u>F.T.C. "Tar"<br/>mg/cigt.</u> |
|----------------|-----------|--------------------------|----------------------------------|
| Chesterfield   | $\bar{x}$ | 1.25±0.02                | 17.9±0.3                         |
| king size,     | s         | 0.05                     | 0.6                              |
| filter         | CV        | 4.0                      | 3.6                              |
| Chesterfield   | $\bar{x}$ | 1.18±0.02                | 17.9±0.3                         |
| king size,     | s         | 0.05                     | 0.7                              |
| filter menthol | CV        | 3.9                      | 3.8                              |
| Chesterfield   | $\bar{x}$ | 1.41±0.03                | 19.3±0.3                         |
| 100 mm.        | s         | 0.06                     | 0.8                              |
| filter         | CV        | 4.0                      | 3.9                              |
| Domino         | $\bar{x}$ | 1.52±0.04                | 28.0±0.7                         |
| king size,     | s         | 0.10                     | 1.6                              |
| non-filter     | CV        | 6.5                      | 5.8                              |
| Domino         | $\bar{x}$ | 1.22±0.05                | 22.6±0.6                         |
| king size,     | s         | 0.12                     | 1.4                              |
| filter         | CV        | 9.5                      | 6.3                              |
| Doral          | $\bar{x}$ | 1.05±0.02                | 14.2±0.3                         |
| king size,     | s         | 0.05                     | 0.7                              |
| filter         | CV        | 4.8                      | 5.0                              |
| Doral          | $\bar{x}$ | 0.98±0.02                | 13.0±0.4                         |
| king size,     | s         | 0.05                     | 0.8                              |
| filter menthol | CV        | 5.5                      | 6.3                              |
| Du Maurier     | $\bar{x}$ | 1.07±0.02                | 15.1±0.3                         |
| king size,     | s         | 0.04                     | 0.6                              |
| filter         | CV        | 3.8                      | 3.7                              |

| <u>BRAND</u>                                 |                      | <u>Puff Count</u>      | <u>TPM mg/cigt.</u>    | <u>Water in TPM<br/>mg/cigt.</u> | <u>Butt Length-mm.</u> |
|--|----------------------|------------------------|------------------------|----------------------------------|------------------------|
| English Ovals<br>regular size,<br>non-filter | $\bar{x}$<br>s<br>CV | 7.8±0.2<br>0.4<br>5.1  | 26.6±0.8<br>1.7<br>6.4 | 3.3±0.2<br>0.4<br>13.6           | 23                     |
| English Ovals<br>king size,<br>non-filter    | $\bar{x}$<br>s<br>CV | 10.6±0.2<br>0.4<br>4.0 | 34.9±0.6<br>1.4<br>4.0 | 4.0±0.1<br>0.3<br>7.7            | 23                     |
| Eve<br>100 mm.<br>filter                     | $\bar{x}$<br>s<br>CV | 9.1±0.2<br>0.3<br>3.7  | 23.1±0.4<br>0.8<br>5.7 | 3.3±0.1<br>0.2<br>6.7            | 33                     |
| Eve<br>100 mm.<br>filter menthol             | $\bar{x}$<br>s<br>CV | 9.1±0.2<br>0.3<br>3.7  | 22.2±0.6<br>1.3<br>5.7 | 3.2±0.2<br>0.4<br>12.1           | 33-34                  |
| Fatima<br>king size,<br>non-filter           | $\bar{x}$<br>s<br>CV | 9.5±0.2<br>0.4<br>4.1  | 34.1±1.0<br>2.3<br>6.8 | 4.7±0.2<br>0.5<br>11.1           | 23                     |
| Galaxy<br>king size,<br>filter               | $\bar{x}$<br>s<br>CV | 7.3±0.2<br>0.5<br>6.7  | 18.3±0.5<br>1.1<br>6.0 | 2.5±0.1<br>0.3<br>10.9           | 29-32-33-34            |
| Half & Half<br>king size,<br>filter          | $\bar{x}$<br>s<br>CV | 11.0±0.2<br>0.4<br>3.8 | 32.0±0.4<br>0.9<br>2.7 | 5.8±0.2<br>0.5<br>9.2            | 26-27-28               |
| Herbert Tareyton<br>king size,<br>non-filter | $\bar{x}$<br>s<br>CV | 9.9±0.2<br>0.4<br>4.2  | 36.0±0.7<br>1.5<br>4.1 | 5.0±0.1<br>0.3<br>5.3            | 23                     |

PM3000764346

| <u>BRAND</u>     |           | <u>Nicotine mg/cigt.</u> | <u>F.T.C. "Tar"<br/>mg/cigt.</u> |
|------------------|-----------|--------------------------|----------------------------------|
| English Ovals    | $\bar{x}$ | 1.67±0.04                | 21.6±0.5                         |
| regular size,    | s         | 0.10                     | 1.2                              |
| non-filter       | CV        | 5.9                      | 5.7                              |
| English Ovals    | $\bar{x}$ | 2.29±0.06                | 28.6±0.5                         |
| king size,       | s         | 0.14                     | 1.0                              |
| non-filter       | CV        | 6.0                      | 3.7                              |
| Eve              | $\bar{x}$ | 1.33±0.03                | 18.5±0.3                         |
| 100 mm.          | s         | 0.06                     | 0.7                              |
| filter           | CV        | 4.5                      | 3.7                              |
| Eve              | $\bar{x}$ | 1.21±0.03                | 17.7±0.4                         |
| 100 mm.          | s         | 0.07                     | 0.9                              |
| filter menthol   |           | 5.7                      | 5.0                              |
| Fatima           | $\bar{x}$ | 1.73±0.04                | 27.6±0.8                         |
| king size,       | s         | 0.09                     | 1.9                              |
| non-filter       | CV        | 5.4                      | 6.8                              |
| Galaxy           | $\bar{x}$ | 1.05±0.03                | 14.7±0.4                         |
| king size,       | s         | 0.07                     | 0.8                              |
| filter           | CV        | 6.3                      | 5.7                              |
| Half & Half      | $\bar{x}$ | 1.84±0.03                | 24.4±0.2                         |
| king size,       | s         | 0.06                     | 0.5                              |
| filter           | CV        | 3.2                      | 2.1                              |
| Herbert Tareyton | $\bar{x}$ | 1.87±0.03                | 29.1±0.6                         |
| king size,       | s         | 0.06                     | 1.3                              |
| non-filter       | CV        | 3.4                      | 4.6                              |

| BRAND                                       |                      | Puff Count            | TPM mg/cigt.           | Water in TPM<br>mg/cigt. | Butt Length-mm. |
|---|----------------------|-----------------------|------------------------|--------------------------|-----------------|
| Home Run<br>regular size,<br>non-filter     | $\bar{x}$<br>s<br>CV | 6.4±0.1<br>0.3<br>5.0 | 25.1±0.5<br>1.1<br>4.5 | 3.8±0.2<br>0.5<br>13.0   | 23              |
| Iceberg 100's<br>100 mm.<br>filter menthol  | $\bar{x}$<br>s<br>CV | 8.3±0.1<br>0.2<br>2.8 | 10.7±0.2<br>0.5<br>4.3 | 1.2±0.1<br>0.2<br>14.0   | 38-39           |
| Kent<br>king size,<br>filter<br>(hard pack) | $\bar{x}$<br>s<br>CV | 7.4±0.1<br>0.3<br>4.3 | 18.9±0.4<br>0.9<br>4.8 | 3.5±0.1<br>0.3<br>9.0    | 27-28           |
| Kent<br>king size,<br>filter<br>(soft pack) | $\bar{x}$<br>s<br>CV | 8.2±0.1<br>0.3<br>3.4 | 19.8±0.4<br>1.0<br>4.9 | 3.4±0.2<br>0.4<br>13.0   | 26-28-30        |
| Kent<br>100 mm.<br>filter                   | $\bar{x}$<br>s<br>CV | 9.4±0.1<br>0.2<br>2.1 | 22.1±0.5<br>1.1<br>4.9 | 3.0±0.2<br>0.4<br>15.2   | 33-34           |
| Kent<br>100 mm.<br>filter menthol           | $\bar{x}$<br>s<br>CV | 9.2±0.1<br>0.2<br>2.7 | 21.9±0.4<br>0.9<br>4.0 | 3.1±0.2<br>0.4<br>12.3   | 33-34           |
| King Sano<br>king size,<br>filter           | $\bar{x}$<br>s<br>CV | 8.6±0.2<br>0.4<br>5.2 | 9.6±0.4<br>0.9<br>9.4  | 1.4±0.1<br>0.3<br>21.5   | 28-29           |
| King Sano<br>king size,<br>filter menthol   | $\bar{x}$<br>s<br>CV | 8.5±0.2<br>0.5<br>5.6 | 8.8±0.4<br>0.9<br>10.5 | 1.1±0.1<br>0.2<br>19.6   | 28-29           |

PM3000764348

| <u>BRAND</u>   |           | <u>Nicotine mg/cigt.</u> | <u>F.T.C. "Tar"<br/>mg/cigt.</u> |
|----------------|-----------|--------------------------|----------------------------------|
| Home Run       | $\bar{x}$ | 1.69±0.03                | 19.7±0.3                         |
| regular size,  | s         | 0.08                     | 0.7                              |
| non-filter     | CV        | 4.6                      | 3.7                              |
| Iceberg 100's  | $\bar{x}$ | 0.66±0.01                | 8.8±0.1                          |
| 100 mm.        | s         | 0.03                     | 0.3                              |
| filter menthol | CV        | 4.7                      | 3.6                              |
| Kent           | $\bar{x}$ | 0.90±0.02                | 14.5±0.3                         |
| king size,     | s         | 0.04                     | 0.7                              |
| filter         | CV        | 4.5                      | 4.6                              |
| (hard pack)    |           |                          |                                  |
| Kent           | $\bar{x}$ | 0.99±0.02                | 15.4±0.2                         |
| king size,     | s         | 0.04                     | 0.5                              |
| filter         | CV        | 4.2                      | 3.6                              |
| (soft pack)    |           |                          |                                  |
| Kent           | $\bar{x}$ | 1.17±0.02                | 18.0±0.3                         |
| 100 mm.        | s         | 0.04                     | 0.7                              |
| filter         | CV        | 3.4                      | 3.7                              |
| Kent           | $\bar{x}$ | 1.21±0.02                | 17.6±0.3                         |
| 100 mm.        | s         | 0.05                     | 0.6                              |
| filter menthol | CV        | 3.9                      | 3.5                              |
| King Sano      | $\bar{x}$ | 0.30±0.01                | 7.9±0.3                          |
| king size,     | s         | 0.02                     | 0.7                              |
| filter         | CV        | 7.4                      | 8.7                              |
| King Sano      | $\bar{x}$ | 0.30±0.01                | 7.4±0.3                          |
| king size,     | s         | 0.02                     | 0.8                              |
| filter menthol | CV        | 7.0                      | 10.2                             |

| <u>BRAND</u>  |                      | <u>Puff Count</u>     | <u>TPM mg/cigt.</u>    | <u>Water in TPM<br/>mg/cigt.</u> | <u>Butt Length-mm.</u> |
|---|----------------------|-----------------------|------------------------|----------------------------------|------------------------|
| Kool<br>regular size,<br>non-filter menthol         | $\bar{x}$<br>s<br>CV | 6.2±0.1<br>0.2<br>3.5 | 23.0±0.6<br>1.2<br>5.4 | 3.3±0.2<br>0.4<br>12.6           | 23                     |
| Kool<br>king size,<br>filter menthol<br>(hard pack) | $\bar{x}$<br>s<br>CV | 7.6±0.1<br>0.3<br>3.7 | 20.9±0.4<br>1.0<br>4.7 | 3.6±0.2<br>0.4<br>11.2           | 25-26-27               |
| Kool<br>king size,<br>filter menthol<br>(soft pack) | $\bar{x}$<br>s<br>CV | 7.7±0.1<br>0.3<br>3.7 | 20.1±0.5<br>1.0<br>5.1 | 3.2±0.2<br>0.3<br>10.8           | 28-29-30               |
| Kool<br>100 mm.<br>filter menthol                   | $\bar{x}$<br>s<br>CV | 9.0±0.2<br>0.4<br>4.7 | 21.1±0.4<br>0.9<br>4.5 | 2.8±0.2<br>0.3<br>12.1           | 35                     |
| Kool Milds<br>king size,<br>filter menthol          | $\bar{x}$<br>s<br>CV | 6.8±0.2<br>0.5<br>7.8 | 15.4±0.3<br>0.6<br>3.8 | 2.1±0.1<br>0.2<br>11.2           | 32-33-34               |
| L & M<br>king size,<br>filter<br>(hard pack)        | $\bar{x}$<br>s<br>CV | 7.3±0.1<br>0.2<br>3.4 | 22.6±0.7<br>1.5<br>6.8 | 4.5±0.3<br>0.7<br>14.8           | 27-28                  |
| L & M<br>king size,<br>filter<br>(soft pack)        | $\bar{x}$<br>s<br>CV | 8.4±0.2<br>0.4<br>5.0 | 23.5±0.8<br>1.8<br>7.9 | 4.4±0.4<br>1.0<br>22.3           | 26-27-28               |

PM3000764350

| <u>BRAND</u>       |           | <u>Nicotine mg/cigt.</u> | <u>F.T.C. "Tar"<br/>mg/cigt.</u> |
|--------------------|-----------|--------------------------|----------------------------------|
| Kool               | $\bar{x}$ | 1.23±0.03                | 18.5±0.4                         |
| regular size,      | s         | 0.07                     | 1.0                              |
| non-filter menthol | CV        | 5.4                      | 5.4                              |
| Kool               | $\bar{x}$ | 1.26±0.03                | 16.0±0.3                         |
| king size,         | s         | 0.06                     | 0.7                              |
| filter menthol     | CV        | 4.7                      | 4.1                              |
| (hard pack)        |           |                          |                                  |
| Kool               | $\bar{x}$ | 1.26±0.03                | 15.7±0.3                         |
| king size,         | s         | 0.07                     | 0.7                              |
| filter menthol     | CV        | 5.3                      | 4.6                              |
| (soft pack)        |           |                          |                                  |
| Kool               | $\bar{x}$ | 1.26±0.02                | 17.0±0.3                         |
| 100 mm.            | s         | 0.04                     | 0.7                              |
| filter menthol     | CV        | 3.3                      | 3.8                              |
| Kool Milds         | $\bar{x}$ | 0.83±0.02                | 12.5±0.2                         |
| king size,         | s         | 0.04                     | 0.5                              |
| filter menthol     | CV        | 4.9                      | 3.7                              |
| L & M              | $\bar{x}$ | 1.15±0.03                | 16.9±0.4                         |
| king size,         | s         | 0.07                     | 0.9                              |
| filter             | CV        | 5.7                      | 5.2                              |
| (hard pack)        |           |                          |                                  |
| L & M              | $\bar{x}$ | 1.23±0.03                | 17.8±0.5                         |
| king size,         | s         | 0.07                     | 1.1                              |
| filter             | CV        | 5.4                      | 6.2                              |
| (soft pack)        |           |                          |                                  |

| <u>BRAND</u>                                |                      | <u>Puff Count</u>     | <u>TPM mg/cigt.</u>    | <u>Water in TPM<br/>mg/cigt.</u> | <u>Butt Length-mm.</u> |
|---|----------------------|-----------------------|------------------------|----------------------------------|------------------------|
| L & M<br>100 mm.<br>filter                  | $\bar{x}$<br>s<br>CV | 9.5±0.1<br>0.3<br>3.0 | 24.4±0.4<br>0.9<br>3.6 | 3.3±0.2<br>0.4<br>10.9           | 32-33-34               |
| L & M<br>100 mm.<br>filter menthol          | $\bar{x}$<br>s<br>CV | 9.3±0.1<br>0.3<br>3.3 | 23.5±0.5<br>1.0<br>4.3 | 3.1±0.2<br>0.4<br>11.5           | 32-33-34               |
| Lark<br>king size,<br>filter                | $\bar{x}$<br>s<br>CV | 8.0±0.1<br>0.3<br>3.2 | 22.5±0.4<br>0.9<br>3.9 | 3.9±0.2<br>0.4<br>9.7            | 28-29                  |
| Lark<br>100 mm.<br>filter                   | $\bar{x}$<br>s<br>CV | 9.2±0.2<br>0.4<br>4.5 | 24.2±0.5<br>1.0<br>4.3 | 3.8±0.1<br>0.3<br>7.7            | 30-31-32               |
| Lucky Strike<br>regular size,<br>non-filter | $\bar{x}$<br>s<br>CV | 8.4±0.1<br>0.3<br>3.0 | 35.7±0.7<br>1.6<br>4.4 | 5.5±0.4<br>0.8<br>15.1           | 23                     |
| Lucky Ten<br>king size,<br>filter           | $\bar{x}$<br>s<br>CV | 7.0±0.1<br>0.2<br>2.6 | 11.5±0.2<br>0.5<br>4.3 | 1.6±0.1<br>0.2<br>13.9           | 32-33-34-36            |
| Lucky 100's<br>100 mm.<br>filter            | $\bar{x}$<br>s<br>CV | 8.9±0.1<br>0.3<br>3.0 | 11.8±0.2<br>0.4<br>3.6 | 1.4±0.1<br>0.1<br>9.4            | 38                     |
| Mapleton<br>regular size,<br>non-filter     | $\bar{x}$<br>s<br>CV | 9.8±0.2<br>0.4<br>4.4 | 36.2±0.6<br>1.2<br>3.4 | 5.6±0.2<br>0.5<br>9.1            | 23                     |

PM3000764352

| <u>BRAND</u>   |           | <u>Nicotine mg/cigt.</u> | <u>F.T.C. "Tar"<br/>mg/cigt.</u> |
|----------------|-----------|--------------------------|----------------------------------|
| L & M          | $\bar{x}$ | 1.40±0.02                | 19.6±0.3                         |
| 100 mm.        | s         | 0.05                     | 0.6                              |
| filter         | CV        | 3.5                      | 2.9                              |
| L & M          | $\bar{x}$ | 1.31±0.02                | 19.1±0.4                         |
| 100 mm.        | s         | 0.05                     | 0.9                              |
| filter menthol | CV        | 3.5                      | 4.8                              |
| Lark           | $\bar{x}$ | 1.18±0.02                | 17.4±0.3                         |
| king size,     | s         | 0.05                     | 0.6                              |
| filter         | CV        | 4.4                      | 3.3                              |
| Lark           | $\bar{x}$ | 1.31±0.02                | 19.1±0.4                         |
| 100 mm.        | s         | 0.05                     | 0.9                              |
| filter         | CV        | 3.5                      | 4.5                              |
| Lucky Strike   | $\bar{x}$ | 1.75±0.03                | 28.5±0.5                         |
| regular size,  | s         | 0.07                     | 1.0                              |
| non-filter     | CV        | 4.1                      | 3.5                              |
| Lucky Ten      | $\bar{x}$ | 0.66±0.01                | 9.2±0.2                          |
| king size,     | s         | 0.03                     | 0.4                              |
| filter         | CV        | 4.3                      | 4.5                              |
| Lucky 100's    | $\bar{x}$ | 0.77±0.01                | 9.6±0.2                          |
| 100 mm.        | s         | 0.02                     | 0.4                              |
| filter         | CV        | 3.2                      | 3.8                              |
| Mapleton       | $\bar{x}$ | 1.27±0.02                | 29.4±0.4                         |
| regular size,  | s         | 0.05                     | 0.9                              |
| non-filter     | CV        | 4.0                      | 2.9                              |

| <u>BRAND</u>  |                      | <u>Puff Count</u>     | <u>TPM mg/cigt.</u>    | <u>Water in TPM<br/>mg/cigt.</u> | <u>Butt Length-mm.</u> |
|---|----------------------|-----------------------|------------------------|----------------------------------|------------------------|
| Mapleton<br>king size,<br>filter                        | $\bar{x}$<br>s<br>CV | 9.7±0.2<br>0.4<br>4.1 | 29.4±0.6<br>1.3<br>4.4 | 5.4±0.2<br>0.5<br>9.1            | 27-28-29               |
| Marlboro<br>king size,<br>filter<br>(hard pack)         | $\bar{x}$<br>s<br>CV | 7.8±0.1<br>0.2<br>3.1 | 21.7±0.4<br>0.9<br>4.0 | 3.9±0.1<br>0.3<br>8.3            | 26                     |
| Marlboro<br>king size,<br>filter<br>(soft pack)         | $\bar{x}$<br>s<br>CV | 8.4±0.1<br>0.3<br>3.5 | 22.4±0.4<br>1.0<br>4.3 | 3.8±0.1<br>0.3<br>8.8            | 28-29                  |
| Marlboro<br>king size,<br>filter menthol<br>(hard pack) | $\bar{x}$<br>s<br>CV | 7.4±0.1<br>0.3<br>3.5 | 16.2±0.4<br>0.8<br>5.1 | 2.6±0.2<br>0.4<br>16.1           | 26                     |
| Marlboro<br>king size<br>filter menthol<br>(soft pack)  | $\bar{x}$<br>s<br>CV | 7.8±0.1<br>0.2<br>3.2 | 17.2±0.4<br>0.9<br>5.0 | 2.4±0.1<br>0.3<br>11.7           | 29-30                  |
| Marlboro<br>100 mm.<br>filter<br>(hard pack)            | $\bar{x}$<br>s<br>CV | 8.8±0.1<br>0.3<br>2.9 | 21.0±0.4<br>0.9<br>4.4 | 2.9±0.1<br>0.3<br>9.8            | 34                     |
| Marlboro<br>100 mm.<br>filter<br>(soft pack)            | $\bar{x}$<br>s<br>CV | 9.1±0.1<br>0.3<br>3.0 | 20.9±0.4<br>0.9<br>4.5 | 2.7±0.2<br>0.4<br>14.4           | 34-35                  |

PM3000764354

| <u>BRAND</u>  |                      | <u>Nicotine mg/cigt.</u> | <u>F.T.C. "Tar"<br/>mg/cigt</u> |
|---|----------------------|--------------------------|---------------------------------|
| Mapleton<br>king size,<br>filter                        | $\bar{x}$<br>s<br>CV | 1.15±0.04<br>0.10<br>8.0 | 22.8±0.4<br>0.9<br>3.9          |
| Marlboro<br>king size,<br>filter<br>(hard pack)         | $\bar{x}$<br>s<br>CV | 1.11±0.02<br>0.04<br>3.9 | 16.6±0.3<br>0.6<br>3.6          |
| Marlboro<br>king size,<br>filter<br>(soft pack)         | $\bar{x}$<br>s<br>CV | 1.16±0.02<br>0.05<br>4.1 | 17.5±0.3<br>0.7<br>4.0          |
| Marlboro<br>king size,<br>filter menthol<br>(hard pack) | $\bar{x}$<br>s<br>CV | 0.79±0.02<br>0.04<br>4.8 | 12.8±0.3<br>0.6<br>4.6          |
| Marlboro<br>king size,<br>filter menthol<br>(soft pack) | $\bar{x}$<br>s<br>CV | 0.88±0.02<br>0.04<br>4.3 | 13.9±0.3<br>0.6<br>4.7          |
| Marlboro<br>100 mm.<br>filter<br>(hard pack)            | $\bar{x}$<br>s<br>CV | 1.15±0.02<br>0.05<br>4.2 | 16.9±0.3<br>0.7<br>3.8          |
| Marlboro<br>100 mm.<br>filter<br>(soft pack)            | $\bar{x}$<br>s<br>CV | 1.16±0.02<br>0.05<br>4.1 | 17.1±0.3<br>0.6<br>3.6          |

| <u>BRAND</u>                              |                      | <u>Puff Count</u>      | <u>TPM mg/cigt.</u>    | <u>Water in TPM<br/>mg/cigt.</u> | <u>Butt Length-mm.</u> |
|---|----------------------|------------------------|------------------------|----------------------------------|------------------------|
| Marlboro Lights<br>king size,<br>filter   | $\bar{x}$<br>s<br>CV | 7.6±0.2<br>0.4<br>4.7  | 15.4±0.3<br>0.7<br>4.6 | 1.9±0.1<br>0.2<br>10.0           | 33-34                  |
| Marvels<br>king size,<br>non-filter       | $\bar{x}$<br>s<br>CV | 9.3±0.2<br>0.4<br>4.4  | 30.6±0.5<br>1.1<br>3.5 | 4.6±0.1<br>0.3<br>7.0            | 23                     |
| Marvels<br>king size,<br>filter           | $\bar{x}$<br>s<br>CV | 8.2±0.2<br>0.4<br>4.8  | 7.0±0.3<br>0.7<br>10.1 | 0.9±0.1<br>0.2<br>22.7           | 27-28                  |
| Marvels<br>king size,<br>filter menthol   | $\bar{x}$<br>s<br>CV | 8.1±0.2<br>0.4<br>4.6  | 5.6±0.2<br>0.5<br>9.5  | 0.7±0.1<br>0.2<br>28.5           | 24-25-26               |
| Miyako<br>king size,<br>filter            | $\bar{x}$<br>s<br>CV | 8.1±0.1<br>0.3<br>3.9  | 19.3±0.3<br>0.6<br>3.4 | 3.9±0.2<br>0.5<br>12.1           | 28                     |
| Montclair<br>king size,<br>filter menthol | $\bar{x}$<br>s<br>CV | 8.6±0.2<br>0.4<br>4.6  | 24.9±0.6<br>1.3<br>5.1 | 5.0±0.2<br>0.5<br>10.4           | 27                     |
| More<br>120 mm.<br>filter                 | $\bar{x}$<br>s<br>CV | 15.9±0.4<br>0.8<br>5.3 | 21.3±0.6<br>1.4<br>6.4 | 2.4±0.2<br>0.4<br>18.1           | 37                     |
| More<br>120 mm.<br>filter menthol         | $\bar{x}$<br>s<br>CV | 14.9±0.4<br>1.0<br>6.5 | 21.2±0.7<br>1.6<br>7.3 | 2.4±0.3<br>0.6<br>23.7           | 37                     |

PM3000764356

| <u>BRAND</u>                              |                      | <u>Nicotine mg/cigt.</u> | <u>F.T.C. "Tar"<br/>mg/cigt.</u> |
|---|----------------------|--------------------------|----------------------------------|
| Marlboro Lights<br>king size,<br>filter   | $\bar{x}$<br>s<br>CV | 0.88±0.01<br>0.03<br>3.7 | 12.6±0.3<br>0.6<br>4.5           |
| Marvels<br>king size,<br>non-filter       | $\bar{x}$<br>s<br>CV | 0.96±0.02<br>0.04<br>4.2 | 25.1±0.4<br>0.8<br>3.2           |
| Marvels<br>king size,<br>filter           | $\bar{x}$<br>s<br>CV | 0.24±0.01<br>0.02<br>9.2 | 5.8±0.3<br>0.6<br>9.9            |
| Marvels<br>king size,<br>filter menthol   | $\bar{x}$<br>s<br>CV | 0.22±0.01<br>0.02<br>9.4 | 4.6±0.2<br>0.4<br>9.5            |
| Miyako<br>king size,<br>filter            | $\bar{x}$<br>s<br>CV | 0.92±0.01<br>0.03<br>3.5 | 14.4±0.2<br>0.4<br>2.8           |
| Montclair<br>king size,<br>filter menthol | $\bar{x}$<br>s<br>CV | 1.41±0.03<br>0.07<br>5.0 | 18.5±0.4<br>0.8<br>4.3           |
| More<br>120 mm.<br>filter                 | $\bar{x}$<br>s<br>CV | 1.50±0.03<br>0.07<br>4.7 | 17.4±0.4<br>1.0<br>5.7           |
| More<br>120 mm.<br>filter menthol         | $\bar{x}$<br>s<br>CV | 1.50±0.03<br>0.08<br>5.1 | 17.3±0.4<br>1.0<br>5.6           |

| <u>BRAND</u>   |                      | <u>Puff Count</u>     | <u>TPM mg/cigt.</u>    | <u>Water in TPM<br/>mg/cigt.</u> | <u>Butt Length-mm.</u> |
|--|----------------------|-----------------------|------------------------|----------------------------------|------------------------|
| Multifilter<br>king size,<br>filter                    | $\bar{x}$<br>s<br>CV | 7.6±0.1<br>0.3<br>3.4 | 14.7±0.4<br>0.9<br>6.1 | 1.7±0.1<br>0.2<br>8.9            | 33                     |
| Multifilter<br>king size,<br>filter menthol            | $\bar{x}$<br>s<br>CV | 7.2±0.1<br>0.3<br>4.1 | 13.5±0.4<br>0.8<br>6.0 | 1.6±0.1<br>0.2<br>13.4           | 33                     |
| Newport<br>king size,<br>filter menthol<br>(hard pack) | $\bar{x}$<br>s<br>CV | 8.1±0.2<br>0.4<br>5.0 | 23.0±0.5<br>1.1<br>4.9 | 4.8±0.2<br>0.5<br>9.9            | 25                     |
| Newport<br>king size,<br>filter menthol<br>(soft pack) | $\bar{x}$<br>s<br>CV | 8.5±0.1<br>0.2<br>2.5 | 23.0±0.4<br>0.9<br>4.1 | 4.4±0.2<br>0.5<br>10.7           | 27                     |
| Newport<br>100 mm.<br>filter menthol                   | $\bar{x}$<br>s<br>CV | 9.9±0.1<br>0.3<br>2.7 | 26.6±0.5<br>1.1<br>4.2 | 4.1±0.1<br>0.3<br>7.1            | 33                     |
| Oasis<br>king size,<br>filter menthol                  | $\bar{x}$<br>s<br>CV | 8.3±0.1<br>0.2<br>2.7 | 23.2±0.5<br>1.0<br>4.5 | 4.3±0.2<br>0.5<br>11.0           | 27                     |
| Old Gold Straights<br>regular size,<br>non-filter      | $\bar{x}$<br>s<br>CV | 6.7±0.2<br>0.4<br>5.6 | 24.7±0.5<br>1.2<br>4.9 | 3.8±0.2<br>0.4<br>10.9           | 23                     |
| Old Gold Straights<br>king size,<br>non-filter         | $\bar{x}$<br>s<br>CV | 8.7±0.1<br>0.3<br>3.7 | 30.0±0.5<br>1.2<br>4.1 | 4.3±0.2<br>0.4<br>10.3           | 23                     |

PM3000764358

| <u>BRAND</u>       |           | <u>Nicotine mg/cigt.</u> | <u>F.T.C. "Tar"<br/>mg/cigt.</u> |
|--------------------|-----------|--------------------------|----------------------------------|
| Multifilter        | $\bar{x}$ | 0.87±0.02                | 12.1±0.3                         |
| king size,         | s         | 0.05                     | 0.7                              |
| filter             | CV        | 6.3                      | 5.9                              |
| Multifilter        | $\bar{x}$ | 0.78±0.02                | 11.1±0.3                         |
| king size,         | s         | 0.05                     | 0.6                              |
| filter menthol     | CV        | 6.3                      | 5.7                              |
| Newport            | $\bar{x}$ | 1.21±0.02                | 17.0±0.3/                        |
| king size,         | s         | 0.05                     | 0.7                              |
| filter menthol     | CV        | 4.0                      | 4.1                              |
| (hard pack)        |           |                          |                                  |
| Newport            | $\bar{x}$ | 1.26±0.02                | 17.4±0.3                         |
| king size,         | s         | 0.05                     | 0.6                              |
| filter menthol     | CV        | 4.3                      | 3.4                              |
| (soft pack)        |           |                          |                                  |
| Newport            | $\bar{x}$ | 1.55±0.03                | 21.0±0.4                         |
| 100 mm.            | s         | 0.07                     | 0.8                              |
| filter menthol     | CV        | 4.5                      | 4.0                              |
| Oasis              | $\bar{x}$ | 1.19±0.02                | 17.7±0.3                         |
| king size,         | s         | 0.05                     | 0.7                              |
| filter menthol     | CV        | 4.5                      | 4.1                              |
| Old Gold Straights | $\bar{x}$ | 1.23±0.03                | 19.7±0.4                         |
| regular size,      | s         | 0.07                     | 0.9                              |
| non-filter         | CV        | 5.9                      | 4.6                              |
| Old Gold Straights | $\bar{x}$ | 1.51±0.02                | 24.2±0.4                         |
| king size,         | s         | 0.05                     | 0.8                              |
| non-filter         | CV        | 3.3                      | 3.5                              |

| <u>BRAND</u>  |                      | <u>Puff Count</u>      | <u>TPM mg/cigt.</u>    | <u>Water in TPM<br/>mg/cigt.</u> | <u>Butt Length-mm.</u> |
|---|----------------------|------------------------|------------------------|----------------------------------|------------------------|
| Old Gold<br>king size,<br>filter<br>(hard pack)             | $\bar{x}$<br>s<br>CV | 7.9±0.2<br>0.5<br>5.8  | 23.1±0.7<br>1.5<br>6.6 | 5.1±0.3<br>0.7<br>13.1           | 27                     |
| Old Gold Filter<br>king size,<br>filter (soft pack)         | $\bar{x}$<br>s<br>CV | 8.3±0.2<br>0.4<br>4.7  | 23.2±0.4<br>1.0<br>4.3 | 4.5±0.2<br>0.5<br>11.7           | 28-29                  |
| Old Gold 100's<br>100 mm.<br>filter                         | $\bar{x}$<br>s<br>CV | 9.6±0.2<br>0.3<br>3.5  | 27.6±0.5<br>1.1<br>4.0 | 4.2±0.1<br>0.3<br>7.3            | 33-35                  |
| Pall Mall<br>king size,<br>non-filter                       | $\bar{x}$<br>s<br>CV | 9.8±0.1<br>0.2<br>2.5  | 34.6±0.7<br>1.5<br>4.3 | 4.7±0.2<br>0.5<br>11.1           | 23                     |
| Pall Mall Extra Mild<br>king size,<br>filter<br>(hard pack) | $\bar{x}$<br>s<br>CV | 6.6±0.1<br>0.3<br>3.9  | 11.6±0.3<br>0.7<br>5.9 | 1.9±0.1<br>0.2<br>12.9           | 33                     |
| Pall Mall Extra Mild<br>king size,<br>filter<br>(soft pack) | $\bar{x}$<br>s<br>CV | 7.0±0.1<br>0.2<br>2.7  | 12.4±0.2<br>0.5<br>4.2 | 1.8±0.1<br>0.3<br>16.5           | 32-33                  |
| Pall Mall<br>100 mm.<br>filter                              | $\bar{x}$<br>s<br>CV | 10.6±0.2<br>0.4<br>4.1 | 25.2±0.4<br>1.0<br>4.0 | 3.5±0.2<br>0.3<br>9.6            | 33-35-36               |
| Pall Mall<br>100 mm.<br>filter menthol                      | $\bar{x}$<br>s<br>CV | 9.0±0.1<br>0.2<br>2.7  | 20.9±0.4<br>0.8<br>3.8 | 2.9±0.2<br>0.4<br>13.7           | 33-35                  |

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| <u>BRAND</u>         |           | <u>Nicotine mg/cigt.</u> | <u>F.T.C. "Tar"<br/>mg/cigt.</u> |
|----------------------|-----------|--------------------------|----------------------------------|
| Old Gold             | $\bar{x}$ | 1.28±0.03                | 16.7±0.4                         |
| king size,           | s         | 0.06                     | 0.9                              |
| filter               | CV        | 4.8                      | 5.6                              |
| (hard pack)          |           |                          |                                  |
| Old Gold Filter      | $\bar{x}$ | 1.13±0.02                | 17.6±0.3                         |
| king size,           | s         | 0.05                     | 0.6                              |
| filter (soft pack)   | CV        | 4.3                      | 3.6                              |
| Old Gold 100's       | $\bar{x}$ | 1.46±0.03                | 21.9±0.4                         |
| 100 mm.              | s         | 0.07                     | 0.8                              |
| filter               | CV        | 4.9                      | 3.8                              |
| Pall Mall            | $\bar{x}$ | 1.82±0.04                | 28.0±0.4                         |
| king size,           | s         | 0.08                     | 0.9                              |
| non-filter           | CV        | 4.3                      | 3.4                              |
| Pall Mall Extra Mild | $\bar{x}$ | 0.66±0.02                | 9.0±0.2                          |
| king size,           | s         | 0.04                     | 0.5                              |
| filter               | CV        | 5.9                      | 5.3                              |
| (hard pack)          |           |                          |                                  |
| Pall Mall Extra Mild | $\bar{x}$ | 0.72±0.01                | 9.9±0.2                          |
| king size,           | s         | 0.03                     | 0.4                              |
| filter               | CV        | 4.1                      | 3.8                              |
| (soft pack)          |           |                          |                                  |
| Pall Mall            | $\bar{x}$ | 1.47±0.02                | 20.1±0.3                         |
| 100 mm.              | s         | 0.04                     | 0.7                              |
| filter               | CV        | 2.9                      | 3.5                              |
| Pall Mall            | $\bar{x}$ | 1.36±0.03                | 16.6±0.3                         |
| 100 mm.              | s         | 0.07                     | 0.6                              |
| filter menthol       | CV        | 5.3                      | 3.4                              |

| <u>BRAND</u>  |                      | <u>Puff Count</u>     | <u>TPM mg/cigt.</u>    | <u>Water in TPM<br/>mg/cigt.</u> | <u>Butt Length-mm.</u> |
|---|----------------------|-----------------------|------------------------|----------------------------------|------------------------|
| Parliament<br>king size,<br>filter<br>(hard pack)           | $\bar{x}$<br>s<br>CV | 6.9±0.2<br>0.4<br>5.2 | 17.3±0.4<br>0.8<br>4.9 | 2.7±0.1<br>0.3<br>10.7           | 31                     |
| Parliament<br>king size,<br>filter<br>(soft pack)           | $\bar{x}$<br>s<br>CV | 7.1±0.1<br>0.2<br>3.4 | 17.5±0.4<br>1.0<br>5.6 | 2.6±0.2<br>0.4<br>16.0±          | 32-33                  |
| Parliament 100's<br>100 mm.<br>filter                       | $\bar{x}$<br>s<br>CV | 8.4±0.2<br>0.4<br>4.2 | 20.0±0.3<br>0.7<br>3.3 | 2.6±0.1<br>0.2<br>6.5            | 39-40                  |
| Philip Morris<br>regular size,<br>non-filter                | $\bar{x}$<br>s<br>CV | 6.8±0.1<br>0.3<br>4.4 | 24.8±0.6<br>1.4<br>5.5 | 3.5±0.2<br>0.5<br>13.5           | 23                     |
| Philip Morris<br>Commander<br>king size, non-filter         | $\bar{x}$<br>s<br>CV | 9.1±0.2<br>0.4<br>4.1 | 31.8±0.6<br>1.4<br>4.6 | 4.3±0.2<br>0.4<br>8.7            | 23                     |
| Philip Morris<br>International<br>100 mm.<br>filter         | $\bar{x}$<br>s<br>CV | 9.0±0.1<br>0.2<br>2.7 | 21.0±0.3<br>0.7<br>3.5 | 2.9±0.1<br>0.3<br>9.4            | 35-36                  |
| Philip Morris<br>International<br>100 mm.<br>filter menthol | $\bar{x}$<br>s<br>CV | 8.6±0.2<br>0.3<br>4.0 | 20.2±0.3<br>0.6<br>3.2 | 2.8±0.1<br>0.2<br>8.3            | 35-36                  |

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| <u>BRAND</u>         |           | <u>Nicotine mg/cigt.</u> | <u>F.T.C. "Tar"<br/>mg/cigt.</u> |
|----------------------|-----------|--------------------------|----------------------------------|
| Parliament           | $\bar{x}$ | 0.84±0.02                | 13.8±0.3                         |
| king size,           | s         | 0.04                     | 0.6                              |
| filter               | CV        | 4.6                      | 4.4                              |
| (hard pack)          |           |                          |                                  |
| Parliament           | $\bar{x}$ | 0.86±0.02                | 14.0±0.3                         |
| king size,           | s         | 0.04                     | 0.6                              |
| filter               | CV        | 5.0                      | 4.3                              |
| (soft pack)          |           |                          |                                  |
| Parliament 100's     | $\bar{x}$ | 1.06±0.02                | 16.3±0.3                         |
| 100 mm.              | s         | 0.05                     | 0.6                              |
| filter               | CV        | 4.3                      | 3.6                              |
| Philip Morris        | $\bar{x}$ | 1.20±0.03                | 20.2±0.4                         |
| regular size,        | s         | 0.08                     | 1.0                              |
| non-filter           | CV        | 6.3                      | 4.9                              |
| Philip Morris        | $\bar{x}$ | 1.60±0.04                | 26.0±0.5                         |
| Commander            | s         | 0.08                     | 1.1                              |
| king size,non-filter | CV        | 5.1                      | 4.2                              |
| Philip Morris        | $\bar{x}$ | 1.13±0.01                | 17.0±0.2                         |
| International        | s         | 0.03                     | 0.5                              |
| 100 mm.              | CV        | 2.3                      | 3.1                              |
| filter               |           |                          |                                  |
| Philip Morris        | $\bar{x}$ | 1.05±0.02                | 16.3±0.2                         |
| International        | s         | 0.04                     | 0.5                              |
| 100 mm.              | CV        | 3.5                      | 3.0                              |
| filter menthol       |           |                          |                                  |

| <u>BRAND</u>       |           | <u>Puff Count</u> | <u>TPM mg/cigt.</u> | <u>Water in TPM<br/>mg/cigt.</u> | <u>Butt Length-mm.</u> |
|--------------------|-----------|-------------------|---------------------|----------------------------------|------------------------|
| Picayune           | $\bar{x}$ | 6.6 $\pm$ 0.1     | 25.5 $\pm$ 0.6      | 3.9 $\pm$ 0.2                    | 23                     |
| regular size,      | s         | 0.3               | 1.3                 | 0.5                              |                        |
| non-filter         | CV        | 4.1               | 5.0                 | 12.1                             |                        |
| Piedmont           | $\bar{x}$ | 7.5 $\pm$ 0.1     | 31.3 $\pm$ 0.7      | 5.0 $\pm$ 0.3                    | 23                     |
| regular size,      | s         | 0.2               | 1.5                 | 0.6                              |                        |
| non- filter        | CV        | 2.9               | 4.8                 | 12.6                             |                        |
| Players            | $\bar{x}$ | 9.4 $\pm$ 0.2     | 38.1 $\pm$ 0.8      | 4.2 $\pm$ 0.2                    | 23                     |
| regular size,      | s         | 0.4               | 1.7                 | 0.4                              |                        |
| non-filter         | CV        | 4.5               | 4.5                 | 9.5                              |                        |
| Raleigh            | $\bar{x}$ | 8.4 $\pm$ 0.2     | 29.2 $\pm$ 0.9      | 3.7 $\pm$ 0.2                    | 23                     |
| king size,         | s         | 0.4               | 2.1                 | 0.4                              |                        |
| non-filter         | CV        | 4.2               | 7.2                 | 11.7                             |                        |
| Raleigh            | $\bar{x}$ | 8.0 $\pm$ 0.1     | 18.8 $\pm$ 0.3      | 2.8 $\pm$ 0.1                    | 29                     |
| king size,         | s         | 0.3               | 0.7                 | 0.3                              |                        |
| filter             | CV        | 3.6               | 3.7                 | 11.2                             |                        |
| Raleigh            | $\bar{x}$ | 9.4 $\pm$ 0.2     | 20.6 $\pm$ 0.5      | 2.6 $\pm$ 0.1                    | 34-35-36               |
| 100 mm.            | s         | 0.4               | 1.1                 | 0.3                              |                        |
| filter             | CV        | 3.9               | 5.3                 | 11.1                             |                        |
| Raleigh Extra Mild | $\bar{x}$ | 7.7 $\pm$ 0.1     | 17.0 $\pm$ 0.5      | 2.3 $\pm$ 0.1                    | 32-33-34               |
| king size,         | s         | 0.3               | 1.1                 | 0.3                              |                        |
| filter             | CV        | 4.3               | 6.2                 | 14.2                             |                        |
| St. Moritz         | $\bar{x}$ | 9.0 $\pm$ 0.2     | 20.8 $\pm$ 0.4      | 2.5 $\pm$ 0.2                    | 36-37                  |
| 100 mm.            | s         | 0.4               | 0.9                 | 0.3                              |                        |
| filter             | CV        | 4.0               | 4.4                 | 13.8                             |                        |
| St. Moritz         | $\bar{x}$ | 9.1 $\pm$ 0.2     | 21.5 $\pm$ 0.4      | 2.5 $\pm$ 0.2                    | 36-37                  |
| 100 mm.            | s         | 0.4               | 0.9                 | 0.3                              |                        |
| filter menthol     | CV        | 4.3               | 4.2                 | 13.7                             |                        |

PM3000764364

| <u>BRAND</u>       |           | <u>Nicotine mg/cigt.</u> | <u>F.T.C. "Tar"<br/>mg/cigt.</u> |
|--------------------|-----------|--------------------------|----------------------------------|
| Picayune           | $\bar{x}$ | 1.68±0.04                | 19.9±0.4                         |
| regular size,      | s         | 0.09                     | 0.8                              |
| non-filter         | CV        | 5.1                      | 4.0                              |
| Piedmont           | $\bar{x}$ | 1.53±0.03                | 24.7±0.4                         |
| regular size,      | s         | 0.06                     | 0.9                              |
| non-filter         | CV        | 4.2                      | 3.8                              |
| Players            | $\bar{x}$ | 2.20±0.06                | 31.8±0.6                         |
| regular size,      | s         | 0.13                     | 1.4                              |
| non-filter         | CV        | 6.0                      | 4.3                              |
| Raleigh            | $\bar{x}$ | 1.46±0.06                | 24.0±0.7                         |
| king size,         | s         | 0.13                     | 1.6                              |
| non-filter         | CV        | 8.6                      | 6.8                              |
| Raleigh            | $\bar{x}$ | 1.03±0.02                | 14.9±0.2                         |
| king size,         | s         | 0.05                     | 0.5                              |
| filter             | CV        | 4.6                      | 3.6                              |
| Raleigh            | $\bar{x}$ | 1.20±0.02                | 16.8±0.4                         |
| 100 mm.            | s         | 0.06                     | 0.8                              |
| filter             | CV        | 4.6                      | 4.8                              |
| Raleigh Extra Mild | $\bar{x}$ | 0.92±0.03                | 13.8±0.3                         |
| king size,         | s         | 0.06                     | 0.7                              |
| filter             | CV        | 6.9                      | 5.4                              |
| St. Moritz         | $\bar{x}$ | 1.20±0.03                | 17.1±0.3                         |
| 100 mm.            | s         | 0.06                     | 0.7                              |
| filter             | CV        | 5.0                      | 4.3                              |
| St. Moritz         | $\bar{x}$ | 1.24±0.03                | 17.8±0.4                         |
| 100 mm.            | s         | 0.06                     | 0.8                              |
| filter menthol     | CV        | 4.6                      | 4.6                              |

| <u>BRAND</u>   |           | <u>Puff Count</u> | <u>TPM mg/cigt.</u> | <u>Water in TPM<br/>mg/cigt.</u> | <u>Butt Length-mm.</u> |
|----------------|-----------|-------------------|---------------------|----------------------------------|------------------------|
| Safari         | $\bar{x}$ | 10.1±0.2          | 25.4±0.3            | 3.6±0.1                          | 35                     |
| 100 mm.        | s         | 0.4               | 0.7                 | 0.2                              |                        |
| filter         | CV        | 3.9               | 2.6                 | 5.8                              |                        |
| Salem          | $\bar{x}$ | 8.6±0.1           | 24.3±0.3            | 4.8±0.2                          | 26                     |
| king size,     | s         | 0.3               | 0.7                 | 0.4                              |                        |
| filter menthol | CV        | 3.2               | 3.0                 | 7.5                              |                        |
| (hard pack)    |           |                   |                     |                                  |                        |
| Salem          | $\bar{x}$ | 8.6±0.1           | 23.6±0.4            | 4.3±0.2                          | 27-28-29               |
| king size,     | s         | 0.3               | 0.8                 | 0.4                              |                        |
| filter menthol | CV        | 3.5               | 3.5                 | 10.1                             |                        |
| (soft pack)    |           |                   |                     |                                  |                        |
| Salem          | $\bar{x}$ | 10.2±0.2          | 23.2±0.5            | 3.1±0.2                          | 34                     |
| 100 mm.        | s         | 0.3               | 1.1                 | 0.4                              |                        |
| filter menthol | CV        | 3.3               | 4.8                 | 13.1                             |                        |
| Salem Extra    | $\bar{x}$ | 8.6±0.1           | 22.6±0.4            | 3.9±0.1                          | 28                     |
| king size,     | s         | 0.2               | 0.8                 | 0.3                              |                        |
| filter menthol | CV        | 2.6               | 3.6                 | 8.6                              |                        |
| Sano           | $\bar{x}$ | 7.9±0.1           | 27.7±0.5            | 3.9±0.1                          | 23                     |
| regular size,  | s         | 0.3               | 1.0                 | 0.3                              |                        |
| non-filter     | CV        | 3.5               | 3.7                 | 7.1                              |                        |
| Silva Thins    | $\bar{x}$ | 8.8±0.1           | 20.3±0.5            | 3.5±0.3                          | 33-34                  |
| 100 mm.        | s         | 0.3               | 1.1                 | 0.6                              |                        |
| filter         | CV        | 3.6               | 5.4                 | 17.3                             |                        |
| Silva Thins    | $\bar{x}$ | 9.3±0.1           | 19.8±0.5            | 3.0±0.2                          | 33-34                  |
| 100 mm.        | s         | 0.3               | 1.2                 | 0.4                              |                        |
| filter menthol | CV        | 3.6               | 5.9                 | 11.9                             |                        |

PM3000764366

| <u>BRAND</u>   |           | <u>Nicotine mg/cigt.</u> | <u>F.T.C. "Tar"<br/>mg/cigt.</u> |
|----------------|-----------|--------------------------|----------------------------------|
| Safari         | $\bar{x}$ | 1.46±0.02                | 20.3±0.2                         |
| 100 mm.        | s         | 0.04                     | 0.5                              |
| filter         | CV        | 2.8                      | 2.5                              |
| Salem          | $\bar{x}$ | 1.30±0.01                | 18.1±0.2                         |
| king size,     | s         | 0.03                     | 0.5                              |
| filter menthol | CV        | 2.4                      | 2.5                              |
| (hard pack)    |           |                          |                                  |
| Salem          | $\bar{x}$ | 1.31±0.02                | 18.1±0.2                         |
| king size,     | s         | 0.04                     | 0.5                              |
| filter menthol | CV        | 2.9                      | 3.0                              |
| (soft pack)    |           |                          |                                  |
| Salem          | $\bar{x}$ | 1.38±0.03                | 18.7±0.3                         |
| 100 mm.        | s         | 0.06                     | 0.7                              |
| filter menthol | CV        | 4.4                      | 4.0                              |
| Salem Extra    | $\bar{x}$ | 1.35±0.02                | 17.3±0.2                         |
| king size,     | s         | 0.04                     | 0.5                              |
| filter menthol | CV        | 3.2                      | 3.1                              |
| Sano           | $\bar{x}$ | 0.80±0.02                | 22.9±0.4                         |
| regular size,  | s         | 0.03                     | 0.8                              |
| non-filter     | CV        | 4.2                      | 3.5                              |
| Silva Thins    | $\bar{x}$ | 1.17±0.03                | 15.6±0.3                         |
| 100 mm.        | s         | 0.06                     | 0.6                              |
| filter         | CV        | 5.2                      | 3.9                              |
| Silva Thins    | $\bar{x}$ | 1.11±0.02                | 15.6±0.4                         |
| 100 mm.        | s         | 0.05                     | 0.8                              |
| filter menthol | CV        | 4.5                      | 5.4                              |

| <u>BRAND</u>                              |                      | <u>Puff Count</u>      | <u>TPM mg/cigt.</u>    | <u>Water in TPM<br/>mg/cigt.</u> | <u>Butt Length-mm.</u> |
|---|----------------------|------------------------|------------------------|----------------------------------|------------------------|
| Spring 100's<br>100 mm.<br>filter menthol | $\bar{x}$<br>s<br>CV | 9.4±0.1<br>0.2<br>2.5  | 24.3±0.5<br>1.1<br>4.4 | 3.3±0.2<br>0.4<br>10.8           | 33                     |
| Super M<br>100 mm.<br>filter menthol      | $\bar{x}$<br>s<br>CV | 9.3±0.1<br>0.3<br>2.7  | 21.1±0.4<br>0.9<br>4.5 | 3.3±0.2<br>0.4<br>10.8           | 33-34                  |
| Tareyton<br>king size,<br>filter          | $\bar{x}$<br>s<br>CV | 9.4±0.2<br>0.4<br>3.9  | 24.9±0.5<br>1.1<br>4.2 | 4.6±0.2<br>0.4<br>7.8            | 27-28                  |
| Tareyton<br>100 mm.<br>filter             | $\bar{x}$<br>s<br>CV | 10.7±0.2<br>0.4<br>4.0 | 24.4±0.3<br>0.8<br>3.1 | 3.6±0.1<br>0.3<br>7.3            | 35                     |
| Tempo<br>king size,<br>filter             | $\bar{x}$<br>s<br>CV | 8.2±0.1<br>0.3<br>3.4  | 12.6±0.3<br>0.6<br>5.1 | 1.3±0.1<br>0.2<br>16.3           | 33                     |
| Tramp<br>king size,<br>filter             | $\bar{x}$<br>s<br>CV | 9.1±0.2<br>0.5<br>5.2  | 22.9±0.5<br>1.1<br>4.7 | 3.7±0.2<br>0.4<br>11.5           | 29                     |
| Tramp<br>king size,<br>filter menthol     | $\bar{x}$<br>s<br>CV | 8.1±0.1<br>0.3<br>3.3  | 20.4±0.3<br>0.6<br>2.9 | 3.3±0.2<br>0.3<br>10.4           | 29                     |
| True (blue)<br>king size,<br>filter       | $\bar{x}$<br>s<br>CV | 7.6±0.2<br>0.3<br>4.4  | 13.7±0.4<br>0.9<br>6.4 | 1.8±0.2<br>0.4<br>19.6           | 32-33-34               |

PM3000764368

| <u>BRAND</u>   |           | <u>Nicotine mg/cigt.</u> | <u>F.T.C. "Tar"<br/>mg/cigt.</u> |
|----------------|-----------|--------------------------|----------------------------------|
| Spring 100's   | $\bar{x}$ | 1.14±0.02                | 19.8±0.3                         |
| 100 mm.        | s         | 0.05                     | 0.7                              |
| filter menthol | CV        | 4.4                      | 3.7                              |
| Super M        | $\bar{x}$ | 1.21±0.02                | 16.6±0.4                         |
| 100 mm.        | s         | 0.05                     | 0.8                              |
| filter menthol | CV        | 3.8                      | 4.8                              |
| Tareyton       | $\bar{x}$ | 1.30±0.03                | 19.0±0.3                         |
| king size,     | s         | 0.06                     | 0.8                              |
| filter         | CV        | 4.3                      | 4.0                              |
| Tareyton       | $\bar{x}$ | 1.39±0.02                | 19.4±0.3                         |
| 100 mm.        | s         | 0.05                     | 0.6                              |
| filter         | CV        | 3.8                      | 3.1                              |
| Tempo          | $\bar{x}$ | 0.77±0.02                | 10.5±0.2                         |
| king size,     | s         | 0.04                     | 0.5                              |
| filter         | CV        | 5.1                      | 4.9                              |
| Tramp          | $\bar{x}$ | 1.24±0.03                | 17.9±0.3                         |
| king size,     | s         | 0.06                     | 0.7                              |
| filter         | CV        | 4.9                      | 4.0                              |
| Tramp          | $\bar{x}$ | 0.92±0.02                | 16.2±0.2                         |
| king size,     | s         | 0.04                     | 0.5                              |
| filter menthol | CV        | 3.9                      | 3.2                              |
| True (blue)    | $\bar{x}$ | 0.67±0.02                | 11.2±0.3                         |
| king size,     | s         | 0.04                     | 0.6                              |
| filter         | CV        | 5.6                      | 5.5                              |

| <u>BRAND</u>                                 |                      | <u>Puff Count</u>     | <u>TPM mg/cigt.</u>    | <u>Water in TPM<br/>mg/cigt.</u> | <u>Butt Length-mm.</u> |
|--|----------------------|-----------------------|------------------------|----------------------------------|------------------------|
| True (green)<br>king size,<br>filter menthol | $\bar{x}$<br>s<br>CV | 7.6±0.1<br>0.3<br>4.3 | 13.8±0.4<br>1.0<br>7.0 | 1.7±0.1<br>0.2<br>10.4           | 32-33-34               |
| True (blue)<br>100 mm.<br>filter             | $\bar{x}$<br>s<br>CV | 9.6±0.2<br>0.4<br>3.7 | 15.2±0.3<br>0.7<br>4.8 | 1.8±0.2<br>0.3<br>18.5           | 35-36                  |
| True (green)<br>100 mm.<br>filter menthol    | $\bar{x}$<br>s<br>CV | 9.3±0.2<br>0.4<br>3.8 | 15.6±0.3<br>0.8<br>5.0 | 1.9±0.1<br>0.3<br>15.0           | 35-36                  |
| Twist<br>100 mm.<br>filter lemon/menthol     | $\bar{x}$<br>s<br>CV | 9.2±0.1<br>0.3<br>3.0 | 21.1±0.5<br>1.1<br>5.1 | 3.3±0.2<br>0.5<br>14.0           | 33                     |
| Vantage<br>king size,<br>filter              | $\bar{x}$<br>s<br>CV | 7.8±0.1<br>0.3<br>3.9 | 13.9±0.3<br>0.6<br>4.4 | 1.9±0.1<br>0.2<br>9.5            | 33-34                  |
| Vantage<br>king size,<br>filter menthol      | $\bar{x}$<br>s<br>CV | 8.1±0.1<br>0.2<br>2.6 | 13.3±0.3<br>0.6<br>4.3 | 1.8±0.1<br>0.2<br>10.6           | 33-34                  |
| Viceroy<br>king size,<br>filter              | $\bar{x}$<br>s<br>CV | 8.2±0.2<br>0.5<br>5.7 | 18.8±0.4<br>1.0<br>5.3 | 2.9±0.2<br>0.4<br>12.5           | 28-29-30               |
| Viceroy<br>100 mm.<br>filter                 | $\bar{x}$<br>s<br>CV | 9.3±0.2<br>0.3<br>3.7 | 20.7±0.4<br>0.9<br>4.1 | 2.6±0.1<br>0.3<br>9.7            | 33-35-36               |

PM3000764370

| BRAND  |                      | Nicotine mg/cigt.              | F.T.C. "Tar"<br>mg/cigt.     |
|--|----------------------|--------------------------------|------------------------------|
| True (green)<br>king size,<br>filter menthol | $\bar{x}$<br>s<br>CV | $0.69 \pm 0.02$<br>0.05<br>6.6 | $11.5 \pm 0.4$<br>0.8<br>6.8 |
| True (blue)<br>100 mm.<br>filter             | $\bar{x}$<br>s<br>CV | $0.78 \pm 0.02$<br>0.03<br>4.4 | $12.6 \pm 0.3$<br>0.6<br>4.5 |
| True (green)<br>100 mm.<br>filter menthol    | $\bar{x}$<br>s<br>CV | $0.78 \pm 0.01$<br>0.03<br>4.0 | $12.9 \pm 0.2$<br>0.6<br>4.3 |
| Twist<br>100 mm.<br>filter lemon/menthol     | $\bar{x}$<br>s<br>CV | $1.27 \pm 0.03$<br>0.06<br>4.5 | $16.6 \pm 0.3$<br>0.7<br>4.0 |
| Vantage<br>king size,<br>filter              | $\bar{x}$<br>s<br>CV | $0.78 \pm 0.02$<br>0.05<br>5.9 | $11.3 \pm 0.2$<br>0.5<br>4.1 |
| Vantage<br>king size,<br>filter menthol      | $\bar{x}$<br>s<br>CV | $0.79 \pm 0.02$<br>0.04<br>5.0 | $10.7 \pm 0.2$<br>0.4<br>4.0 |
| Viceroy<br>king size,<br>filter              | $\bar{x}$<br>s<br>CV | $1.02 \pm 0.02$<br>0.05<br>4.7 | $14.9 \pm 0.3$<br>0.7<br>4.9 |
| Viceroy<br>100 mm.<br>filter                 | $\bar{x}$<br>s<br>CV | $1.20 \pm 0.02$<br>0.06<br>4.6 | $16.9 \pm 0.3$<br>0.7<br>4.1 |

| <u>BRAND</u>                                   |                      | <u>Puff Count</u>      | <u>TPM mg/cigt.</u>    | <u>Water in TPM<br/>mg/cigt.</u> | <u>Butt Length-mm.</u> |
|--|----------------------|------------------------|------------------------|----------------------------------|------------------------|
| Viceroy Extra Mild<br>king size,<br>filter     | $\bar{x}$<br>s<br>CV | 7.4±0.1<br>0.3<br>4.2  | 16.7±0.4<br>0.8<br>5.0 | 2.2±0.1<br>0.2<br>10.9           | 33                     |
| Virginia Slims<br>100 mm.<br>filter            | $\bar{x}$<br>s<br>CV | 8.3±0.1<br>0.3<br>3.7  | 20.1±0.3<br>0.6<br>2.9 | 2.9±0.1<br>0.3<br>10.1           | 35                     |
| Virginia Slims<br>100 mm.<br>filter menthol    | $\bar{x}$<br>s<br>CV | 8.3±0.1<br>0.3<br>3.3  | 20.4±0.3<br>0.7<br>3.4 | 2.9±0.1<br>0.2<br>7.6            | 35                     |
| Winchester<br>king size,<br>filter             | $\bar{x}$<br>s<br>CV | 8.6±0.1<br>0.3<br>3.6  | 25.6±0.3<br>0.8<br>3.0 | 4.6±0.1<br>0.3<br>6.7            | 28                     |
| Winchester<br>king size,<br>filter menthol     | $\bar{x}$<br>s<br>CV | 8.5±0.1<br>0.2<br>2.9  | 22.2±0.5<br>1.0<br>4.7 | 3.8±0.2<br>0.5<br>12.5           | 28                     |
| Winston<br>king size,<br>filter<br>(hard pack) | $\bar{x}$<br>s<br>CV | 8.8±0.1<br>0.2<br>2.5  | 25.0±0.5<br>1.1<br>4.5 | 4.9±0.2<br>0.5<br>10.4           | 26                     |
| Winston<br>king size,<br>filter<br>(soft pack) | $\bar{x}$<br>s<br>CV | 9.0±0.2<br>0.4<br>3.9  | 25.2±0.5<br>1.2<br>4.8 | 4.6±0.3<br>0.6<br>12.2           | 28                     |
| Winston<br>100 mm.<br>filter                   | $\bar{x}$<br>s<br>CV | 10.0±0.1<br>0.3<br>2.9 | 23.3±0.4<br>0.8<br>3.4 | 3.2±0.1<br>0.3<br>9.7            | 34                     |

PM3000764372

| BRAND  |           | Nicotine mg/cigt. | F.T.C. "Tar"<br>mg/cigt. |
|--|-----------|-------------------|--------------------------|
| Viceroy Extra Mild<br>king size,<br>filter     | $\bar{x}$ | 0.91±0.02         | 13.6±0.3                 |
|  | s         | 0.05              | 0.7                      |
|  | CV        | 5.6               | 4.9                      |
| Virginia Slims<br>100 mm.<br>filter            | $\bar{x}$ | 1.06±0.02         | 16.2±0.2                 |
|  | s         | 0.05              | 0.5                      |
|  | CV        | 4.9               | 2.8                      |
| Virginia Slims<br>100 mm.<br>filter menthol    | $\bar{x}$ | 1.08±0.02         | 16.4±0.3                 |
|  | s         | 0.04              | 0.6                      |
|  | CV        | 3.6               | 3.8                      |
| Winchester<br>king size,<br>filter             | $\bar{x}$ | 1.41±0.02         | 19.5±0.2                 |
|  | s         | 0.04              | 0.5                      |
|  | CV        | 3.1               | 2.8                      |
| Winchester<br>king size,<br>filter menthol     | $\bar{x}$ | 1.32±0.02         | 17.1±0.3                 |
|  | s         | 0.05              | 0.6                      |
|  | CV        | 3.7               | 3.6                      |
| Winston<br>king size,<br>filter<br>(hard pack) | $\bar{x}$ | 1.34±0.02         | 18.8±0.3                 |
|  | s         | 0.05              | 0.7                      |
|  | CV        | 3.5               | 3.7                      |
| Winston<br>king size,<br>filter<br>(soft pack) | $\bar{x}$ | 1.40±0.03         | 19.2±0.4                 |
|  | s         | 0.06              | 0.9                      |
|  | CV        | 4.0               | 4.5                      |
| Winston<br>100 mm.<br>filter                   | $\bar{x}$ | 1.36±0.02         | 18.7±0.2                 |
|  | s         | 0.04              | 0.5                      |
|  | CV        | 2.7               | 2.9                      |

| <u>BRAND</u>      |           | <u>Puff Count</u> | <u>TPM mg/cigt.</u> | <u>Water in TPM<br/>mg/cigt.</u> | <u>Butt Length-mm.</u> |
|-------------------|-----------|-------------------|---------------------|----------------------------------|------------------------|
| Winston           | $\bar{x}$ | 10.2±0.1          | 23.4±0.5            | 3.2±0.2                          | 34                     |
| 100 mm.           | s         | 0.3               | 1.0                 | 0.4                              |                        |
| filter menthol    | CV        | 3.1               | 4.4                 | 10.9                             |                        |
| Winston Lights    | $\bar{x}$ | 8.1±0.1           | 16.7±0.3            | 2.0±0.1                          | 33                     |
| king size,        | s         | 0.3               | 0.7                 | 0.2                              |                        |
| filter            | CV        | 3.9               | 4.2                 | 11.2                             |                        |
| Monitor           | $\bar{x}$ | 9.1±0.03          | 23.0±0.1            | 4.2±0.05                         |                        |
| (R. J. Reynolds)  | s         | 0.2               | 1.0                 | 0.5                              |                        |
| Smoking Machine A | CV        | 2.7               | 4.4                 | 11.6                             |                        |
| Monitor           | $\bar{x}$ | 9.0±0.02          | 23.2±0.1            | 4.2±0.05                         |                        |
| (R. J. Reynolds)  | s         | 0.2               | 1.0                 | 0.5                              |                        |
| Smoking Machine B | CV        | 2.6               | 4.1                 | 10.9                             |                        |

PM3000764374

| <u>BRAND</u>      |           | <u>Nicotine mg/cigt.</u> | <u>F.T.C. "Tar"<br/>mg/cigt.</u> |
|-------------------|-----------|--------------------------|----------------------------------|
| Winston           | $\bar{x}$ | 1.37±0.03                | 18.8±0.3                         |
| 100 mm.           | s         | 0.06                     | 0.7                              |
| filter menthol    | CV        | 4.2                      | 3.9                              |
| Winston Lights    | $\bar{x}$ | 1.02±0.02                | 13.7±0.3                         |
| king size,        | s         | 0.04                     | 0.6                              |
| filter            | CV        | 3.8                      | 4.1                              |
| Monitor           | $\bar{x}$ | 1.29±0.004               | 17.6±0.1                         |
| (R. J. Reynolds)  | s         | 0.04                     | 0.6                              |
| Smoking Machine A | CV        | 3.2                      | 3.6                              |
| Monitor           | $\bar{x}$ | 1.29±0.004               | 17.8±0.1                         |
| (R. J. Reynolds)  | s         | 0.04                     | 0.6                              |
| Smoking Machine B | CV        | 3.0                      | 3.4                              |

PER PUFF DATA

PM3000764376

| <u>BRAND</u>    |           | <u>TPM mg/puff</u> | <u>Nicotine mg/puff</u> | <u>Water in TPM mg/puff</u> | <u>F.T.C. "Tar" mg/puff</u> |
|-----------------|-----------|--------------------|-------------------------|-----------------------------|-----------------------------|
| Alpine          | $\bar{x}$ | 2.08±0.04          | 0.109±0.002             | 0.27±0.02                   | 1.70±0.03                   |
| king size,      | s         | 0.09               | 0.005                   | 0.04                        | 0.07                        |
| filter menthol  | CV        | 4.2                | 4.4                     | 13.2                        | 3.9                         |
| Alpine          | $\bar{x}$ | 2.42±0.05          | 0.115±0.002             | 0.39±0.02                   | 1.91±0.05                   |
| 100 mm.         | s         | 0.12               | 0.004                   | 0.05                        | 0.11                        |
| filter menthol  | CV        | 4.9                | 3.3                     | 11.9                        | 5.5                         |
| Belair          | $\bar{x}$ | 2.47±0.03          | 0.145±0.002             | 0.38±0.01                   | 1.94±0.02                   |
| king size,      | s         | 0.07               | 0.005                   | 0.03                        | 0.04                        |
| filter menthol  | CV        | 2.8                | 3.6                     | 8.6                         | 2.3                         |
| Belair          | $\bar{x}$ | 2.30±0.06          | 0.139±0.003             | 0.29±0.02                   | 1.88±0.04                   |
| 100 mm.         | s         | 0.13               | 0.006                   | 0.04                        | 0.09                        |
| filter menthol  | CV        | 5.5                | 4.2                     | 13.2                        | 5.0                         |
| Benson & Hedges | $\bar{x}$ | 1.91±0.09          | 0.093±0.004             | 0.37±0.03                   | 1.45±0.07                   |
| regular size,   | s         | 0.21               | 0.009                   | 0.06                        | 0.15                        |
| filter          | CV        | 10.8               | 9.4                     | 17.2                        | 10.4                        |
| Benson & Hedges | $\bar{x}$ | 2.46±0.06          | 0.149±0.003             | 0.33±0.02                   | 1.98±0.04                   |
| king size,      | s         | 0.13               | 0.007                   | 0.04                        | 0.09                        |
| filter          | CV        | 5.3                | 4.9                     | 11.6                        | 4.6                         |
| Benson & Hedges | $\bar{x}$ | 2.35±0.04          | 0.129±0.002             | 0.28±0.01                   | 1.94±0.04                   |
| 100 mm.         | s         | 0.09               | 0.005                   | 0.03                        | 0.08                        |
| filter          | CV        | 3.7                | 3.5                     | 9.5                         | 4.1                         |
| Benson & Hedges | $\bar{x}$ | 2.34±0.04          | 0.130±0.002             | 0.29±0.01                   | 1.92±0.03                   |
| 100 mm.         | s         | 0.09               | 0.004                   | 0.03                        | 0.07                        |
| filter menthol  | CV        | 3.9                | 2.8                     | 10.3                        | 3.5                         |

PM3000764377

| <u>BRAND</u>                                |                      | <u>TPM mg/puff</u>        | <u>Nicotine mg/puff</u>      | <u>Water in TPM<br/>mg/puff</u> | <u>F.T.C. "Tar"<br/>mg/puff</u> |
|---|----------------------|---------------------------|------------------------------|---------------------------------|---------------------------------|
| Bull Durham<br>king size,<br>filter         | $\bar{x}$<br>s<br>CV | 3.52±0.06<br>0.14<br>4.1  | 0.174±0.004<br>0.008<br>4.8  | 0.64±0.02<br>0.05<br>8.1        | 2.70±0.04<br>0.10<br>3.6        |
| Camel<br>regular size,<br>non-filter        | $\bar{x}$<br>s<br>CV | 3.95±0.07<br>0.15<br>3.8  | 0.222±0.005<br>0.010<br>4.7  | 0.57±0.02<br>0.04<br>6.4        | 3.15±0.06<br>0.12<br>3.9        |
| Camel<br>king size,<br>filter               | $\bar{x}$<br>s<br>CV | 2.76±0.04<br>0.10<br>3.6  | 0.149±0.002<br>0.005<br>3.2  | 0.50±0.03<br>0.06<br>11.1       | 2.11±0.02<br>0.05<br>2.5        |
| Carlton 70's<br>regular size,<br>filter     | $\bar{x}$<br>s<br>CV | 0.44±0.03<br>0.06<br>14.3 | 0.032±0.002<br>0.004<br>11.0 | 0.05±0.01<br>0.03<br>58.1       | 0.36±0.03<br>0.06<br>16.4       |
| Carlton<br>king size,<br>filter             | $\bar{x}$<br>s<br>CV | 0.59±0.03<br>0.06<br>9.8  | 0.041±0.002<br>0.004<br>9.2  | 0.06±0.01<br>0.02<br>44.1       | 0.50±0.03<br>0.06<br>12.9       |
| Carlton<br>king size,<br>filter menthol     | $\bar{x}$<br>s<br>CV | 0.54±0.03<br>0.07<br>12.6 | 0.038±0.002<br>0.004<br>11.0 | 0.05±0.01<br>0.02<br>30.9       | 0.46±0.03<br>0.06<br>12.3       |
| Chesterfield<br>regular size,<br>non-filter | $\bar{x}$<br>s<br>CV | 4.15±0.08<br>0.19<br>4.5  | 0.200±0.004<br>0.009<br>4.5  | 0.64±0.02<br>0.06<br>8.8        | 3.31±0.06<br>0.14<br>4.2        |
| Chesterfield<br>king size,<br>non-filter    | $\bar{x}$<br>s<br>CV | 3.65±0.09<br>0.20<br>5.5  | 0.182±0.004<br>0.008<br>4.3  | 0.51±0.03<br>0.07<br>13.0       | 2.96±0.06<br>0.13<br>4.5        |

| <u>BRAND</u>                          |                      | <u>TPM mg/puff</u>       | <u>Nicotine mg/puff</u>     | <u>Water in TPM mg/puff</u> | <u>F.T.C. "Tar" mg/puff</u> |
|---------------------------------------|----------------------|--------------------------|-----------------------------|-----------------------------|-----------------------------|
| Chesterfield<br>king size,<br>filter  | $\bar{x}$<br>s<br>CV | 2.87±0.05<br>0.10<br>3.5 | 0.152±0.003<br>0.006<br>4.0 | 0.55±0.02<br>0.04<br>7.6    | 2.17±0.03<br>0.08<br>3.5    |
| Chesterfield<br>king size,<br>filter  | $\bar{x}$<br>s<br>CV | 2.82±0.06<br>0.13<br>4.7 | 0.142±0.002<br>0.005<br>3.8 | 0.53±0.03<br>0.06<br>10.8   | 2.15±0.04<br>0.09<br>4.3    |
| Chesterfield<br>100 mm.<br>filter     | $\bar{x}$<br>s<br>CV | 2.53±0.04<br>0.09<br>3.5 | 0.148±0.002<br>0.004<br>2.6 | 0.34±0.02<br>0.04<br>10.4   | 2.03±0.03<br>0.07<br>3.3    |
| Domino<br>king size,<br>non-filter    | $\bar{x}$<br>s<br>CV | 3.42±0.11<br>0.24<br>7.0 | 0.150±0.004<br>0.010<br>6.6 | 0.51±0.02<br>0.05<br>10.6   | 2.76±0.08<br>0.18<br>6.7    |
| Domino<br>king size,<br>filter        | $\bar{x}$<br>s<br>CV | 3.11±0.05<br>0.12<br>3.9 | 0.127±0.004<br>0.009<br>7.3 | 0.62±0.03<br>0.07<br>11.6   | 2.36±0.04<br>0.09<br>3.7    |
| Doral<br>king size,<br>filter         | $\bar{x}$<br>s<br>CV | 1.99±0.07<br>0.15<br>7.4 | 0.118±0.003<br>0.007<br>6.1 | 0.27±0.02<br>0.03<br>12.9   | 1.60±0.05<br>0.12<br>7.2    |
| Doral<br>king size,<br>filter menthol | $\bar{x}$<br>s<br>CV | 1.85±0.05<br>0.12<br>6.6 | 0.111±0.002<br>0.005<br>4.7 | 0.25±0.02<br>0.03<br>13.6   | 1.48±0.04<br>0.09<br>6.1    |
| Du Maurier<br>king size,<br>filter    | $\bar{x}$<br>s<br>CV | 2.32±0.04<br>0.08<br>3.4 | 0.129±0.002<br>0.003<br>2.6 | 0.36±0.02<br>0.04<br>11.0   | 1.83±0.03<br>0.06<br>3.3    |

PM3000764379

| BRAND  |                      | TPM mg/puff              | Nicotine mg/puff            | Water in TPM<br>mg/puff   | F.T.C. "Tar"<br>mg/puff  |
|--|----------------------|--------------------------|-----------------------------|---------------------------|--------------------------|
| English Ovals<br>regular size,<br>non-filter | $\bar{x}$<br>s<br>CV | 3.39±0.09<br>0.21<br>6.1 | 0.214±0.006<br>0.013<br>6.2 | 0.42±0.02<br>0.06<br>13.3 | 2.76±0.06<br>0.15<br>5.3 |
| English Ovals<br>king size,<br>non-filter    | $\bar{x}$<br>s<br>CV | 3.28±0.07<br>0.15<br>4.7 | 0.216±0.006<br>0.013<br>5.8 | 0.38±0.02<br>0.03<br>8.9  | 2.69±0.05<br>0.11<br>4.3 |
| Eve<br>100 mm.<br>filter                     | $\bar{x}$<br>s<br>CV | 2.54±0.05<br>0.11<br>4.4 | 0.146±0.003<br>0.006<br>4.1 | 0.36±0.01<br>0.03<br>7.7  | 2.04±0.04<br>0.09<br>4.5 |
| Eve<br>100 mm.<br>filter menthol             | $\bar{x}$<br>s<br>CV | 2.43±0.06<br>0.14<br>5.7 | 0.132±0.003<br>0.008<br>5.8 | 0.35±0.02<br>0.04<br>11.0 | 1.94±0.05<br>0.11<br>5.4 |
| Fatima<br>king size,<br>non-filter           | $\bar{x}$<br>s<br>CV | 3.57±0.09<br>0.21<br>5.8 | 0.182±0.003<br>0.008<br>4.3 | 0.49±0.02<br>0.05<br>10.2 | 2.90±0.08<br>0.17<br>6.0 |
| Galaxy<br>king size,<br>filter               | $\bar{x}$<br>s<br>CV | 2.51±0.08<br>0.18<br>7.1 | 0.144±0.004<br>0.009<br>6.5 | 0.35±0.02<br>0.04<br>10.4 | 2.01±0.07<br>0.15<br>7.2 |
| Half & Half<br>king size,<br>filter          | $\bar{x}$<br>s<br>CV | 2.91±0.06<br>0.13<br>4.6 | 0.167±0.003<br>0.007<br>4.3 | 0.53±0.03<br>0.06<br>10.8 | 2.21±0.04<br>0.08<br>3.8 |
| Herbert Tareyton<br>king size,<br>non-filter | $\bar{x}$<br>s<br>CV | 3.65±0.06<br>0.13<br>3.7 | 0.189±0.002<br>0.005<br>2.8 | 0.51±0.01<br>0.03<br>5.8  | 2.95±0.05<br>0.12<br>4.0 |

| BRAND          |           | TPM mg/puff | Nicotine mg/puff | Water in TPM<br>mg/puff | F.T.C. "Tar"<br>mg/puff |
|----------------|-----------|-------------|------------------|-------------------------|-------------------------|
| Home Run       | $\bar{x}$ | 3.91±0.10   | 0.263±0.006      | 0.59±0.04               | 3.06±0.07               |
| regular size,  | s         | 0.23        | 0.013            | 0.08                    | 0.17                    |
| non-filter     | CV        | 5.9         | 5.0              | 13.5                    | 5.5                     |
| Iceberg 100's  | $\bar{x}$ | 1.28±0.02   | 0.079±0.001      | 0.15±0.01               | 1.05±0.01               |
| 100 mm.        | s         | 0.04        | 0.003            | 0.02                    | 0.03                    |
| filter menthol | CV        | 3.1         | 3.6              | 13.1                    | 2.6                     |
| Kent           | $\bar{x}$ | 2.55±0.06   | 0.122±0.002      | 0.48±0.02               | 1.95±0.04               |
| king size,     | s         | 0.14        | 0.005            | 0.5                     | 0.10                    |
| filter         | CV        | 5.3         | 4.1              | 10.0                    | 5.0                     |
| (hard pack)    |           |             |                  |                         |                         |
| Kent           | $\bar{x}$ | 2.43±0.05   | 0.122±0.002      | 0.42±0.02               | 1.89±0.03               |
| king size,     | s         | 0.10        | 0.004            | 0.05                    | 0.07                    |
| filter         | CV        | 4.3         | 3.5              | 11.3                    | 3.9                     |
| (soft pack)    |           |             |                  |                         |                         |
| Kent           | $\bar{x}$ | 2.34±0.05   | 0.124±0.002      | 0.31±0.02               | 1.91±0.03               |
| 100 mm.        | s         | 0.11        | 0.004            | 0.05                    | 0.08                    |
| filter         | CV        | 4.77        | 3.2              | 14.6                    | 3.9                     |
| Kent           | $\bar{x}$ | 2.38±0.04   | 0.132±0.002      | 0.34±0.02               | 1.92±0.03               |
| 100 mm.        | s         | 0.09        | 0.004            | 0.04                    | 0.08                    |
| filter menthol | CV        | 3.9         | 3.3              | 11.1                    | 4.0                     |
| King Sano      | $\bar{x}$ | 1.12±0.05   | 0.035±0.001      | 0.16±0.02               | 0.92±0.04               |
| king size,     | s         | 0.12        | 0.003            | 0.04                    | 0.09                    |
| filter         | CV        | 10.9        | 8.4              | 23.1                    | 9.8                     |
| King Sano      | $\bar{x}$ | 1.03±0.05   | 0.035±0.001      | 0.13±0.01               | 0.86±0.04               |
| king size,     | s         | 0.11        | 0.002            | 0.03                    | 0.09                    |
| filter mentol  | CV        | 10.6        | 7.2              | 19.6                    | 10.3                    |

PM3000764381

| <u>BRAND</u>  |           | <u>TPM mg/puff</u> | <u>Nicotine mg/puff</u> | <u>Water in TPM<br/>mg/puff</u> | <u>F.T.C. "Tar"<br/>mg/puff</u> |
|---|-----------|--------------------|-------------------------|---------------------------------|---------------------------------|
| Kool<br>regular size,<br>non-filter menthol         | $\bar{x}$ | 3.70±0.09          | 0.197±0.004             | 0.53±0.03                       | 2.98±0.07                       |
|   | s         | 0.19               | 0.009                   | 0.06                            | 0.16                            |
|   | CV        | 5.2                | 4.8                     | 12.3                            | 5.4                             |
| Kool<br>king size,<br>filter menthol<br>(hard pack) | $\bar{x}$ | 2.76±0.05          | 0.166±0.002             | 0.48±0.02                       | 2.12±0.04                       |
|   | s         | 0.12               | 0.005                   | 0.05                            | 0.08                            |
|   | CV        | 4.3                | 3.2                     | 11.4                            | 3.7                             |
| Kool<br>king size,<br>filter menthol<br>(soft pack) | $\bar{x}$ | 2.60±0.05          | 0.163±0.003             | 0.41±0.02                       | 2.03±0.04                       |
|   | s         | 0.11               | 0.008                   | 0.04                            | 0.09                            |
|   | CV        | 4.3                | 4.7                     | 9.4                             | 4.3                             |
| Kool<br>100 mm.<br>filter menthol                   | $\bar{x}$ | 2.35±0.06          | 0.140±0.003             | 0.31±0.02                       | 1.90±0.04                       |
|   | s         | 0.14               | 0.006                   | 0.04                            | 0.10                            |
|   | CV        | 5.7                | 4.1                     | 13.2                            | 5.1                             |
| Kool Milds<br>king size,<br>filter menthol          | $\bar{x}$ | 2.27±0.07          | 0.122±0.004             | 0.31±0.02                       | 1.83±0.05                       |
|   | s         | 0.15               | 0.008                   | 0.04                            | 0.12                            |
|   | CV        | 6.7                | 6.8                     | 13.6                            | 6.3                             |
| L & M<br>king size,<br>filter<br>(hard pack)        | $\bar{x}$ | 3.11±0.08          | 0.159±0.003             | 0.62±0.04                       | 2.33±0.04                       |
|   | s         | 0.17               | 0.007                   | 0.09                            | 0.09                            |
|   | CV        | 5.6                | 4.4                     | 13.8                            | 4.0                             |
| L & M<br>king size,<br>filter<br>(soft pack)        | $\bar{x}$ | 2.80±0.10          | 0.147±0.004             | 0.52±0.05                       | 2.13±0.07                       |
|   | s         | 0.22               | 0.008                   | 0.11                            | 0.16                            |
|   | CV        | 8.0                | 5.6                     | 20.8                            | 7.5                             |

| BRAND          |           | TPM mg/puff | Nicotine mg/puff | Water in TPM<br>mg/puff | F.T.C. "Tar"<br>mg/puff |
|----------------|-----------|-------------|------------------|-------------------------|-------------------------|
| L & M          | $\bar{x}$ | 2.58±0.04   | 0.149±0.002      | 0.35±0.02               | 2.08±0.03               |
| 100 mm.        | s         | 0.08        | 0.005            | 0.04                    | 0.06                    |
| filter         | CV        | 3.3         | 3.2              | 10.4                    | 2.9                     |
| L & M          | $\bar{x}$ | 2.52±0.06   | 0.140±0.003      | 0.33±0.02               | 2.05±0.05               |
| 100 mm.        | s         | 0.13        | 0.006            | 0.03                    | 0.12                    |
| filter menthol | CV        | 5.1         | 4.5              | 10.5                    | 5.9                     |
| Lark           | $\bar{x}$ | 2.82±0.05   | 0.148±0.003      | 0.49±0.02               | 2.18±0.04               |
| king size,     | s         | 0.11        | 0.006            | 0.04                    | 0.08                    |
| filter         | CV        | 3.8         | 4.2              | 9.1                     | 3.7                     |
| Lark           | $\bar{x}$ | 2.64±0.06   | 0.143±0.003      | 0.42±0.01               | 2.08±0.05               |
| 100 mm.        | s         | 0.13        | 0.006            | 0.03                    | 0.11                    |
| filter         | CV        | 4.8         | 4.0              | 7.6                     | 3.7                     |
| Lucky Strike   | $\bar{x}$ | 4.2±0.07    | 0.208±0.003      | 0.65±0.04               | 3.38±0.05               |
| regular size,  | s         | 0.16        | 0.006            | 0.10                    | 0.11                    |
| non-filter     | CV        | 3.8         | 3.0              | 14.5                    | 3.2                     |
| Lucky Ten      | $\bar{x}$ | 1.64±0.03   | 0.094±0.001      | 0.23±0.01               | 1.31±0.02               |
| king size,     | s         | 0.06        | 0.003            | 0.03                    | 0.05                    |
| filter         | CV        | 3.4         | 3.5              | 13.6                    | 3.7                     |
| Lucky 100's    | $\bar{x}$ | 1.32±0.03   | 0.086±0.001      | 0.16±0.01               | 1.08±0.02               |
| 100 mm.        | s         | 0.06        | 0.003            | 0.02                    | 0.05                    |
| filter         | CV        | 4.6         | 3.1              | 9.9                     | 4.7                     |
| Mapleton       | $\bar{x}$ | 3.70±0.08   | 0.130±0.003      | 0.57±0.02               | 3.01±0.06               |
| regular size,  | s         | 0.18        | 0.006            | 0.05                    | 0.14                    |
| non-filter     | CV        | 4.8         | 4.9              | 9.2                     | 4.6                     |

PM3000764383

| <u>BRAND</u>  |                      | <u>TPM mg/puff</u>       | <u>Nicotine mg/puff</u>     | <u>Water in TPM<br/>mg/puff</u> | <u>F.T.C. "Tar"<br/>mg/puff</u> |
|---|----------------------|--------------------------|-----------------------------|---------------------------------|---------------------------------|
| Mapleton<br>king size,<br>filter                        | $\bar{x}$<br>s<br>CV | 3.03±0.07<br>0.15<br>5.1 | 0.118±0.005<br>0.011<br>8.9 | 0.56±0.02<br>0.05<br>9.7        | 2.36±0.05<br>0.11<br>4.5        |
| Marlboro<br>king size,<br>filter<br>(hard pack)         | $\bar{x}$<br>s<br>CV | 2.78±0.05<br>0.11<br>4.1 | 0.142±0.002<br>0.004<br>3.0 | 0.51±0.02<br>0.04<br>8.0        | 2.13±0.04<br>0.08<br>3.9        |
| Marlboro<br>king size,<br>filter<br>(soft pack)         | $\bar{x}$<br>s<br>CV | 2.67±0.06<br>0.12<br>4.7 | 0.138±0.002<br>0.005<br>3.3 | 0.45±0.02<br>0.04<br>8.9        | 2.08±0.04<br>0.09<br>4.5        |
| Marlboro<br>king size,<br>filter menthol<br>(hard pack) | $\bar{x}$<br>s<br>CV | 2.19±0.04<br>0.09<br>4.2 | 0.107±0.002<br>0.004<br>3.4 | 0.35±0.02<br>0.06<br>15.9       | 1.74±0.03<br>0.07<br>3.8        |
| Marlboro<br>king size,<br>filter menthol<br>(soft pack) | $\bar{x}$<br>s<br>CV | 2.19±0.05<br>0.11<br>5.0 | 0.113±0.002<br>0.004<br>3.7 | 0.31±0.02<br>0.04<br>11.6       | 1.78±0.04<br>0.09<br>4.8        |
| Marlboro<br>100 mm.<br>filter<br>(hard pack)            | $\bar{x}$<br>s<br>CV | 2.37±0.06<br>0.12<br>5.3 | 0.131±0.003<br>0.006<br>4.8 | 0.33±0.02<br>0.03<br>10.3       | 1.91±0.04<br>0.09<br>4.8        |
| Marlboro<br>100 mm.<br>filter<br>(soft pack)            | $\bar{x}$<br>s<br>CV | 2.31±0.06<br>0.12<br>5.4 | 0.128±0.002<br>0.005<br>3.9 | 0.30±0.02<br>0.04<br>14.7       | 1.89±0.04<br>0.09<br>4.7        |

| BRAND                                     |                      | TPM mg/puff               | Nicotine mg/puff            | Water in TPM<br>mg/puff   | F.T.C. "Tar"<br>mg/puff   |
|---|----------------------|---------------------------|-----------------------------|---------------------------|---------------------------|
| Marlboro Lights<br>king size,<br>filter   | $\bar{x}$<br>s<br>CV | 2.04±0.05<br>0.11<br>5.2  | 0.117±0.003<br>0.006<br>5.3 | 0.25±0.01<br>0.03<br>10.1 | 1.67±0.04<br>0.09<br>5.1  |
| Marvels<br>king size,<br>non-filter       | $\bar{x}$<br>s<br>CV | 3.28±0.08<br>0.18<br>5.4  | 0.103±0.002<br>0.005<br>4.6 | 0.49±0.02<br>0.04<br>8.7  | 2.69±0.06<br>0.14<br>5.1  |
| Marvels<br>king size,<br>filter           | $\bar{x}$<br>s<br>CV | 0.86±0.04<br>0.09<br>10.7 | 0.030±0.001<br>0.003<br>9.0 | 0.11±0.01<br>0.03<br>23.5 | 0.71±0.03<br>0.07<br>10.4 |
| Marvels<br>king size,<br>filter menthol   | $\bar{x}$<br>s<br>CV | 0.69±0.03<br>0.08<br>11.1 | 0.027±0.001<br>0.002<br>9.2 | 0.09±0.01<br>0.02<br>28.2 | 0.57±0.03<br>0.07<br>11.7 |
| Miyako<br>king size,<br>filter            | $\bar{x}$<br>s<br>CV | 2.38±0.04<br>0.10<br>4.2  | 0.113±0.002<br>0.005<br>4.0 | 0.48±0.03<br>0.06<br>11.9 | 1.78±0.03<br>0.07<br>4.2  |
| Montclair<br>king size,<br>filter menthol | $\bar{x}$<br>s<br>CV | 2.89±0.06<br>0.14<br>4.8  | 0.164±0.003<br>0.005<br>3.6 | 0.58±0.03<br>0.06<br>10.0 | 2.14±0.04<br>0.09<br>4.3  |
| More<br>120 mm.<br>filter                 | $\bar{x}$<br>s<br>CV | 1.34±0.05<br>0.11<br>8.0  | 0.094±0.003<br>0.006<br>6.5 | 0.15±0.01<br>0.03<br>17.9 | 1.10±0.04<br>0.08<br>7.7  |
| More<br>120 mm.<br>filter menthol         | $\bar{x}$<br>s<br>CV | 1.43±0.05<br>0.11<br>7.7  | 0.101±0.003<br>0.007<br>7.4 | 0.16±0.02<br>0.03<br>21.4 | 1.17±0.04<br>0.08<br>7.0  |

PM3000764385

| <u>BRAND</u>   |                      | <u>TPM mg/puff</u>       | <u>Nicotine mg/puff</u>     | <u>Water in TPM mg/puff</u> | <u>F.T.C. "Tar" mg/puff</u> |
|--|----------------------|--------------------------|-----------------------------|-----------------------------|-----------------------------|
| Multifilter<br>king size,<br>filter                    | $\bar{x}$<br>s<br>CV | 1.93±0.05<br>0.10<br>5.2 | 0.115±0.003<br>0.006<br>5.1 | 0.23±0.01<br>0.02<br>8.5    | 1.59±0.04<br>0.08<br>5.1    |
| Multifilter<br>king size,<br>filter menthol            | $\bar{x}$<br>s<br>CV | 1.86±0.04<br>0.10<br>5.3 | 0.107±0.003<br>0.006<br>5.6 | 0.22±0.01<br>0.03<br>13.1   | 1.54±0.03<br>0.08<br>4.9    |
| Newport<br>king size,<br>filter menthol<br>(hard pack) | $\bar{x}$<br>s<br>CV | 2.86±0.06<br>0.13<br>4.6 | 0.150±0.003<br>0.007<br>4.4 | 0.60±0.03<br>0.06<br>9.4    | 2.11±0.04<br>0.08<br>3.8    |
| Newport<br>king size,<br>filter menthol<br>(soft pack) | $\bar{x}$<br>s<br>CV | 2.72±0.06<br>0.13<br>4.7 | 0.149±0.003<br>0.007<br>4.6 | 0.52±0.03<br>0.06<br>11.7   | 2.06±0.03<br>0.07<br>3.6    |
| Newport<br>100 mm.<br>filter menthol                   | $\bar{x}$<br>s<br>CV | 2.69±0.05<br>0.11<br>4.0 | 0.156±0.003<br>0.006<br>4.1 | 0.41±0.01<br>0.03<br>7.4    | 2.12±0.03<br>0.08<br>3.6    |
| Oasis<br>king size,<br>filter menthol                  | $\bar{x}$<br>s<br>CV | 2.80±0.06<br>0.14<br>4.9 | 0.144±0.002<br>0.006<br>3.9 | 0.52±0.03<br>0.06<br>12.2   | 2.14±0.04<br>0.08<br>3.9    |
| Old Gold Straights<br>regular size,<br>non-filter      | $\bar{x}$<br>s<br>CV | 3.67±0.08<br>0.18<br>5.0 | 0.182±0.004<br>0.009<br>5.2 | 0.57±0.03<br>0.07<br>11.6   | 2.92±0.06<br>0.13<br>4.4    |
| Old Gold Striaghts<br>king size,<br>non-filter         | $\bar{x}$<br>s<br>CV | 3.43±0.08<br>0.17<br>5.0 | 0.173±0.003<br>0.007<br>4.1 | 0.49±0.02<br>0.06<br>11.2   | 2.77±0.05<br>0.12<br>4.3    |

| BRAND                |           | TPM mg/puff | Nicotine mg/puff | Water in TPM<br>mg/puff | F.T.C. "Tar"<br>mg/puff |
|----------------------|-----------|-------------|------------------|-------------------------|-------------------------|
| Old Gold             | $\bar{x}$ | 2.93±0.08   | 0.163±0.003      | 0.64±0.03               | 2.13±0.06               |
| king size            | s         | 0.18        | 0.008            | 0.07                    | 0.13                    |
| filter               | CV        | 6.0         | 4.7              | 10.7                    | 6.0                     |
| (hard pack)          |           |             |                  |                         |                         |
| Old Gold Filter      | $\bar{x}$ | 2.79±0.06   | 0.136±0.003      | 0.54±0.03               | 2.12±0.04               |
| king size,           | s         | 0.14        | 0.007            | 0.07                    | 0.09                    |
| filter (soft pack)   | CV        | 5.0         | 5.4              | 12.4                    | 4.2                     |
| Old Gold 100's       | $\bar{x}$ | 2.86±0.04   | 0.151±0.002      | 0.44±0.01               | 2.27±0.03               |
| 100 mm.              | s         | 0.10        | 0.004            | 0.03                    | 0.07                    |
| filter               | CV        | 3.4         | 2.9              | 7.3                     | 3.2                     |
| Pall Mall            | $\bar{x}$ | 3.51±0.08   | 0.185±0.004      | 0.48±0.02               | 2.85±0.05               |
| king size,           | s         | 0.17        | 0.008            | 0.05                    | 0.11                    |
| non-filter           | CV        | 4.8         | 4.5              | 11.3                    | 4.0                     |
| Pall Mall Extra Mild | $\bar{x}$ | 1.76±0.05   | 0.100±0.002      | 0.28±0.02               | 1.38±0.04               |
| king size,           | s         | 0.11        | 0.005            | 0.03                    | 0.08                    |
| filter               | CV        | 6.2         | 5.1              | 12.1                    | 6.1                     |
| (hard pack)          |           |             |                  |                         |                         |
| Pall Mall Extra Mild | $\bar{x}$ | 1.77±0.03   | 0.102±0.001      | 0.26±0.02               | 1.41±0.02               |
| king size,           | s         | 0.07        | 0.003            | 0.04                    | 0.05                    |
| filter               | CV        | 3.8         | 2.8              | 15.9                    | 3.6                     |
| (soft pack)          |           |             |                  |                         |                         |
| Pall Mall            | $\bar{x}$ | 2.38±0.05   | 0.139±0.002      | 0.33±0.01               | 1.91±0.04               |
| 100 mm.              | s         | 0.11        | 0.004            | 0.03                    | 0.09                    |
| filter               | CV        | 4.7         | 3.2              | 8.8                     | 4.7                     |
| Pall Mall            | $\bar{x}$ | 2.33±0.04   | 0.152±0.004      | 0.33±0.02               | 1.85±0.03               |
| 100 mm.              | s         | 0.09        | 0.008            | 0.04                    | 0.07                    |
| filter menthol       | CV        | 4.0         | 5.5              | 13.4                    | 4.0                     |

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| BRAND   |                      | TPM mg/puff              | Nicotine mg/puff            | Water in TPM<br>mg/puff   | F.T.C. "Tar"<br>mg/puff  |
|---|----------------------|--------------------------|-----------------------------|---------------------------|--------------------------|
| Parliament<br>king size,<br>filter<br>(hard pack)           | $\bar{x}$<br>s<br>CV | 2.52±0.07<br>0.16<br>6.2 | 0.123±0.003<br>0.007<br>5.4 | 0.39±0.02<br>0.05<br>12.5 | 2.00±0.05<br>0.11<br>5.5 |
| Parliament<br>king size,<br>filter<br>(soft pack)           | $\bar{x}$<br>s<br>CV | 2.46±0.06<br>0.13<br>5.5 | 0.122±0.002<br>0.005<br>4.2 | 0.36±0.03<br>0.06<br>15.6 | 1.97±0.04<br>0.08<br>4.3 |
| Parliament 100's<br>100 mm.<br>filter                       | $\bar{x}$<br>s<br>CV | 2.37±0.04<br>0.10<br>4.0 | 0.125±0.003<br>0.006<br>4.7 | 0.31±0.01<br>0.02<br>5.8  | 1.94±0.04<br>0.09<br>4.6 |
| Philip Morris<br>regular size,<br>non-filter                | $\bar{x}$<br>s<br>CV | 3.66±0.12<br>0.27<br>7.3 | 0.176±0.006<br>0.012<br>7.0 | 0.51±0.03<br>0.07<br>14.1 | 2.97±0.09<br>0.20<br>6.9 |
| Philip Morris<br>Commander<br>king size, non-filter         | $\bar{x}$<br>s<br>CV | 3.49±0.06<br>0.13<br>3.6 | 0.175±0.003<br>0.008<br>4.4 | 0.47±0.02<br>0.04<br>8.3  | 2.85±0.04<br>0.09<br>3.2 |
| Philip Morris<br>International<br>100 mm<br>filter          | $\bar{x}$<br>s<br>CV | 2.35±0.04<br>0.09<br>3.9 | 0.127±0.002<br>0.004<br>2.8 | 0.32±0.01<br>0.03<br>9.8  | 1.89±0.03<br>0.06<br>3.3 |
| Philip Morris<br>International<br>100 mm.<br>filter menthol | $\bar{x}$<br>s<br>CV | 2.34±0.04<br>0.09<br>3.8 | 0.122±0.002<br>0.005<br>3.9 | 0.33±0.01<br>0.03<br>8.5  | 1.89±0.03<br>0.07<br>3.7 |

| BRAND              |           | TPM mg/puff | Nicotine mg/puff | Water in TPM mg/puff | F.T.C. "Tar" mg/puff |
|--------------------|-----------|-------------|------------------|----------------------|----------------------|
| Picayune           | $\bar{x}$ | 3.84±0.10   | 0.254±0.007      | 0.59±0.03            | 3.00±0.07            |
| regular size,      | s         | 0.22        | 0.016            | 0.07                 | 0.15                 |
| non-filter         | CV        | 5.8         | 6.4              | 12.3                 | 5.0                  |
| Piedmont           | $\bar{x}$ | 4.20±0.11   | 0.205±0.004      | 0.67±0.04            | 3.32±0.07            |
| regular size,      | s         | 0.24        | 0.010            | 0.09                 | 0.17                 |
| non-filter         | CV        | 5.7         | 4.8              | 12.8                 | 5.0                  |
| Players            | $\bar{x}$ | 4.06±0.10   | 0.234±0.005      | 0.45±0.02            | 3.38±0.07            |
| regular size,      | s         | 0.22        | 0.011            | 0.05                 | 0.16                 |
| non-filter         | CV        | 5.3         | 4.9              | 11.5                 | 4.8                  |
| Raleigh            | $\bar{x}$ | 3.48±0.10   | 0.173±0.005      | 0.45±0.02            | 2.86±0.07            |
| king size,         | s         | 0.21        | 0.012            | 0.05                 | 0.16                 |
| non-filter         | CV        | 6.1         | 6.8              | 11.5                 | 5.5                  |
| Raleigh            | $\bar{x}$ | 2.35±0.06   | 0.129±0.003      | 0.36±0.02            | 1.86±0.04            |
| king size,         | s         | 0.13        | 0.006            | 0.04                 | 0.09                 |
| filter             | CV        | 5.4         | 4.9              | 12.5                 | 5.0                  |
| Raleigh            | $\bar{x}$ | 2.20±0.04   | 0.128±0.002      | 0.28±0.01            | 1.80±0.03            |
| 100 mm.            | s         | 0.09        | 0.003            | 0.03                 | 0.06                 |
| filter             | CV        | 3.9         | 2.7              | 9.8                  | 3.5                  |
| Raleigh Extra Mild | $\bar{x}$ | 2.21±0.04   | 0.119±0.003      | 0.30±0.02            | 1.79±0.03            |
| king size,         | s         | 0.09        | 0.006            | 0.03                 | 0.07                 |
| filter             | CV        | 4.2         | 5.4              | 11.7                 | 3.9                  |
| St. Moritz         | $\bar{x}$ | 2.32±0.03   | 0.133±0.002      | 0.28±0.01            | 1.91±0.03            |
| 100 mm.            | s         | 0.07        | 0.004            | 0.03                 | 0.07                 |
| filter             | CV        | 3.0         | 2.7              | 11.8                 | 3.5                  |
| St. Moritz         | $\bar{x}$ | 2.37±0.04   | 0.136±0.002      | 0.27±0.02            | 1.96±0.03            |
| 100 mm.            | s         | 0.08        | 0.005            | 0.04                 | 0.07                 |
| filter menthol     | CV        | 3.4         | 3.7              | 14.3                 | 3.7                  |

PM3000764389

| <u>BRAND</u>   |           | <u>TPM mg/puff</u> | <u>Nicotine mg/puff</u> | <u>Water in TPM<br/>mg/puff</u> | <u>F.T.C. "Tar"<br/>mg/puff</u> |
|----------------|-----------|--------------------|-------------------------|---------------------------------|---------------------------------|
| Safari         | $\bar{x}$ | 2.53±0.04          | 0.146±0.002             | 0.36±0.01                       | 2.02±0.04                       |
| 100 mm.        | s         | 0.10               | 0.005                   | 0.02                            | 0.08                            |
| filter         | CV        | 3.8                | 3.4                     | 5.3                             | 4.0                             |
| Salem          | $\bar{x}$ | 2.81±0.06          | 0.151±0.002             | 0.56±0.02                       | 2.10±0.04                       |
| king size,     | s         | 0.13               | 0.005                   | 0.05                            | 0.09                            |
| filter menthol | CV        | 4.6                | 3.6                     | 8.5                             | 4.3                             |
| (hard pack)    |           |                    |                         |                                 |                                 |
| Salem          | $\bar{x}$ | 2.74±0.05          | 0.152±0.003             | 0.49±0.02                       | 2.09±0.03                       |
| king size,     | s         | 0.11               | 0.006                   | 0.05                            | 0.07                            |
| filter menthol | CV        | 3.9                | 3.9                     | 10.6                            | 3.2                             |
| (soft pack)    |           |                    |                         |                                 |                                 |
| Salem          | $\bar{x}$ | 2.26±0.04          | 0.135±0.002             | 0.30±0.02                       | 1.82±0.03                       |
| 100 mm.        | s         | 0.08               | 0.004                   | 0.03                            | 0.06                            |
| filter menthol | CV        | 3.6                | 3.0                     | 11.4                            | 3.4                             |
| Salem Extra    | $\bar{x}$ | 2.61±0.05          | 0.157±0.002             | 0.45±0.02                       | 2.00±0.03                       |
| king size,     | s         | 0.11               | 0.004                   | 0.04                            | 0.08                            |
| filter menthol | CV        | 4.1                | 2.3                     | 8.6                             | 3.9                             |
| Sano           | $\bar{x}$ | 3.51±0.06          | 0.102±0.002             | 0.50±0.02                       | 2.91±0.05                       |
| regular size,  | s         | 0.14               | 0.005                   | 0.04                            | 0.10                            |
| non-filter     | CV        | 3.9                | 4.8                     | 7.9                             | 3.5                             |
| Silva Thins    | $\bar{x}$ | 2.31±0.04          | 0.133±0.002             | 0.40±0.03                       | 1.78±0.02                       |
| 100 mm.        | s         | 0.10               | 0.005                   | 0.06                            | 0.05                            |
| filter         | CV        | 4.3                | 4.1                     | 16.2                            | 3.1                             |
| Silva Thins    | $\bar{x}$ | 2.13±0.05          | 0.120±0.002             | 0.33±0.02                       | 1.68±0.04                       |
| 100 mm.        | s         | 0.11               | 0.005                   | 0.04                            | 0.08                            |
| filter menthol | CV        | 5.3                | 4.3                     | 11.3                            | 4.9                             |

| <u>BRAND</u>   |           | <u>TPM mg/puff</u> | <u>Nicotine mg/puff</u> | <u>Water in TPM mg/puff</u> | <u>F.T.C. "Tar" mg/puff</u> |
|----------------|-----------|--------------------|-------------------------|-----------------------------|-----------------------------|
| Spring 100's   | $\bar{x}$ | 2.59±0.03          | 0.122±0.002             | 0.36±0.01                   | 2.11±0.02                   |
| 100 mm.        | s         | 0.07               | 0.004                   | 0.03                        | 0.05                        |
| filter menthol | CV        | 2.9                | 3.4                     | 9.2                         | 2.6                         |
| Super M        | $\bar{x}$ | 2.27±0.05          | 0.130±0.002             | 0.36±0.02                   | 1.78±0.04                   |
| 100 mm.        | s         | 0.11               | 0.005                   | 0.04                        | 0.10                        |
| filter menthol | CV        | 5.0                | 3.8                     | 10.1                        | 5.6                         |
| Tareyton       | $\bar{x}$ | 2.65±0.05          | 0.138±0.003             | 0.49±0.02                   | 2.02±0.03                   |
| king size,     | s         | 0.11               | 0.006                   | 0.04                        | 0.08                        |
| filter         | CV        | 4.2                | 4.3                     | 7.9                         | 3.9                         |
| Tareyton       | $\bar{x}$ | 2.29±0.05          | 0.130±0.003             | 0.34±0.01                   | 1.82±0.04                   |
| 100 mm.        | s         | 0.10               | 0.006                   | 0.03                        | 0.08                        |
| filter         | CV        | 4.5                | 4.5                     | 8.0                         | 4.5                         |
| Tempo          | $\bar{x}$ | 1.54±0.03          | 0.094±0.002             | 0.16±0.01                   | 1.29±0.03                   |
| king size,     | s         | 0.07               | 0.004                   | 0.02                        | 0.06                        |
| filter         | CV        | 4.3                | 4.4                     | 15.0                        | 4.5                         |
| Tramp          | $\bar{x}$ | 2.52±0.07          | 0.136±0.003             | 0.41±0.02                   | 1.97±0.05                   |
| king size,     | s         | 0.15               | 0.006                   | 0.05                        | 0.11                        |
| filter         | CV        | 6.0                | 4.4                     | 11.8                        | 5.7                         |
| Tramp          | $\bar{x}$ | 2.51±0.04          | 0.114±0.002             | 0.40±0.02                   | 1.99±0.03                   |
| king size,     | s         | 0.09               | 0.005                   | 0.05                        | 0.06                        |
| filter menthol | CV        | 3.5                | 4.7                     | 11.4                        | 3.0                         |
| True (blue)    | $\bar{x}$ | 1.80±0.06          | 0.088±0.003             | 0.24±0.02                   | 1.47±0.04                   |
| king size,     | s         | 0.14               | 0.006                   | 0.05                        | 0.10                        |
| filter         | CV        | 7.7                | 6.5                     | 20.6                        | 6.7                         |

PM3000764391

| BRAND  |                      | TPM mg/puff              | Nicotine mg/puff            | Water in TPM<br>mg/puff   | F.T.C. "Tar"<br>mg/puff  |
|--|----------------------|--------------------------|-----------------------------|---------------------------|--------------------------|
| True (green)<br>king size,<br>filter menthol | $\bar{x}$<br>s<br>CV | 1.82±0.05<br>0.12<br>6.6 | 0.091±0.002<br>0.005<br>5.9 | 0.22±0.01<br>0.02<br>10.5 | 1.51±0.04<br>0.10<br>6.4 |
| True (blue)<br>100 mm.<br>filter             | $\bar{x}$<br>s<br>CV | 1.59±0.04<br>0.09<br>5.7 | 0.082±0.002<br>0.004<br>5.1 | 0.19±0.02<br>0.04<br>19.5 | 1.32±0.03<br>0.07<br>5.1 |
| True (green)<br>100 mm.<br>filter menthol    | $\bar{x}$<br>s<br>CV | 1.68±0.05<br>0.11<br>6.3 | 0.084±0.002<br>0.004<br>5.0 | 0.21±0.02<br>0.03<br>16.4 | 1.39±0.03<br>0.07<br>5.4 |
| Twist<br>100 mm.<br>filter lemon/menthol     | $\bar{x}$<br>s<br>CV | 2.30±0.06<br>0.14<br>6.2 | 0.138±0.003<br>0.007<br>4.9 | 0.36±0.02<br>0.05<br>14.5 | 1.80±0.04<br>0.10<br>5.3 |
| Vantage<br>king size,<br>filter              | $\bar{x}$<br>s<br>CV | 1.77±0.03<br>0.07<br>3.8 | 0.100±0.002<br>0.004<br>4.4 | 0.24±0.01<br>0.02<br>9.0  | 1.43±0.02<br>0.05<br>3.6 |
| Vantage<br>king size,<br>filter menthol      | $\bar{x}$<br>s<br>CV | 1.65±0.03<br>0.06<br>3.9 | 0.097±0.002<br>0.005<br>4.7 | 0.22±0.01<br>0.02<br>10.0 | 1.32±0.02<br>0.05<br>3.8 |
| Viceroy<br>king size,<br>filter              | $\bar{x}$<br>s<br>CV | 2.28±0.05<br>0.12<br>5.2 | 0.124±0.003<br>0.006<br>5.2 | 0.35±0.02<br>0.04<br>11.7 | 1.80±0.04<br>0.09<br>5.2 |
| Viceroy<br>100 mm.<br>filter                 | $\bar{x}$<br>s<br>CV | 2.22±0.05<br>0.12<br>5.4 | 0.129±0.002<br>0.006<br>4.3 | 0.28±0.01<br>0.03<br>11.2 | 1.81±0.04<br>0.09<br>5.2 |

| BRAND                                 |                      | TPM mg/puff              | Nicotine mg/puff            | Water in TPM mg/puff      | F.T.C. "Tar" mg/puff     |
|---------------------------------------|----------------------|--------------------------|-----------------------------|---------------------------|--------------------------|
| Viceroy Extra Mild king size, filter  | $\bar{x}$<br>s<br>CV | 2.27±0.05<br>0.10<br>4.5 | 1.24±0.003<br>0.006<br>5.1  | 0.30±0.01<br>0.03<br>10.3 | 1.85±0.04<br>0.08<br>4.5 |
| Virginia Slims 100 mm. filter         | $\bar{x}$<br>s<br>CV | 2.42±0.04<br>0.08<br>3.5 | 0.127±0.002<br>0.004<br>3.5 | 0.35±0.02<br>0.04<br>11.1 | 1.94±0.03<br>0.06<br>3.0 |
| Virginia Slims 100 mm. filter menthol | $\bar{x}$<br>s<br>CV | 2.45±0.04<br>0.09<br>3.5 | 0.130±0.002<br>0.004<br>3.0 | 0.35±0.01<br>0.03<br>8.7  | 1.97±0.03<br>0.07<br>3.5 |
| Winchester king size, filter          | $\bar{x}$<br>s<br>CV | 2.98±0.05<br>0.11<br>3.9 | 0.164±0.002<br>0.006<br>3.4 | 0.54±0.02<br>0.04<br>7.9  | 2.27±0.03<br>0.08<br>3.4 |
| Winchester king size, filter menthol  | $\bar{x}$<br>s<br>CV | 2.61±0.05<br>0.10<br>4.0 | 0.155±0.002<br>0.005<br>3.0 | 0.44±0.02<br>0.05<br>11.4 | 2.01±0.03<br>0.07<br>3.3 |
| Winston king size, filter (hard pack) | $\bar{x}$<br>s<br>CV | 2.84±0.06<br>0.13<br>4.7 | 0.152±0.003<br>0.006<br>4.1 | 0.56±0.03<br>0.06<br>10.6 | 2.13±0.04<br>0.08<br>3.8 |
| Winston king size filter (soft pack)  | $\bar{x}$<br>s<br>CV | 2.80±0.04<br>0.09<br>3.4 | 0.156±0.002<br>0.005<br>3.5 | 0.51±0.02<br>0.05<br>9.9  | 2.13±0.04<br>0.09<br>4.1 |
| Winston 100 mm. filter                | $\bar{x}$<br>s<br>CV | 2.34±0.03<br>0.08<br>3.2 | 0.137±0.001<br>0.003<br>2.3 | 0.32±0.01<br>0.03<br>8.7  | 1.88±0.03<br>0.06<br>3.3 |

PM3000764393

| <u>BRAND</u>   |           | <u>TPM mg/puff</u> | <u>Nicotine mg/puff</u> | <u>Water in TPM<br/>mg/puff</u> | <u>F.T.C. "Tar"<br/>mg/puff</u> |
|----------------|-----------|--------------------|-------------------------|---------------------------------|---------------------------------|
| Winston        | $\bar{x}$ | 2.31±0.05          | 0.135±0.002             | 0.32±0.02                       | 1.85±0.03                       |
| 100 mm.        | s         | 0.10               | 0.004                   | 0.03                            | 0.07                            |
| filter menthol | CV        | 4.4                | 2.9                     | 10.9                            | 3.9                             |
| Winston Lights | $\bar{x}$ | 2.08±0.04          | 0.127±0.002             | 0.25±0.01                       | 1.70±0.03                       |
| king size,     | s         | 0.09               | 0.005                   | 0.03                            | 0.07                            |
| filter         | CV        | 4.2                | 4.3                     | 10.8                            | 4.2                             |